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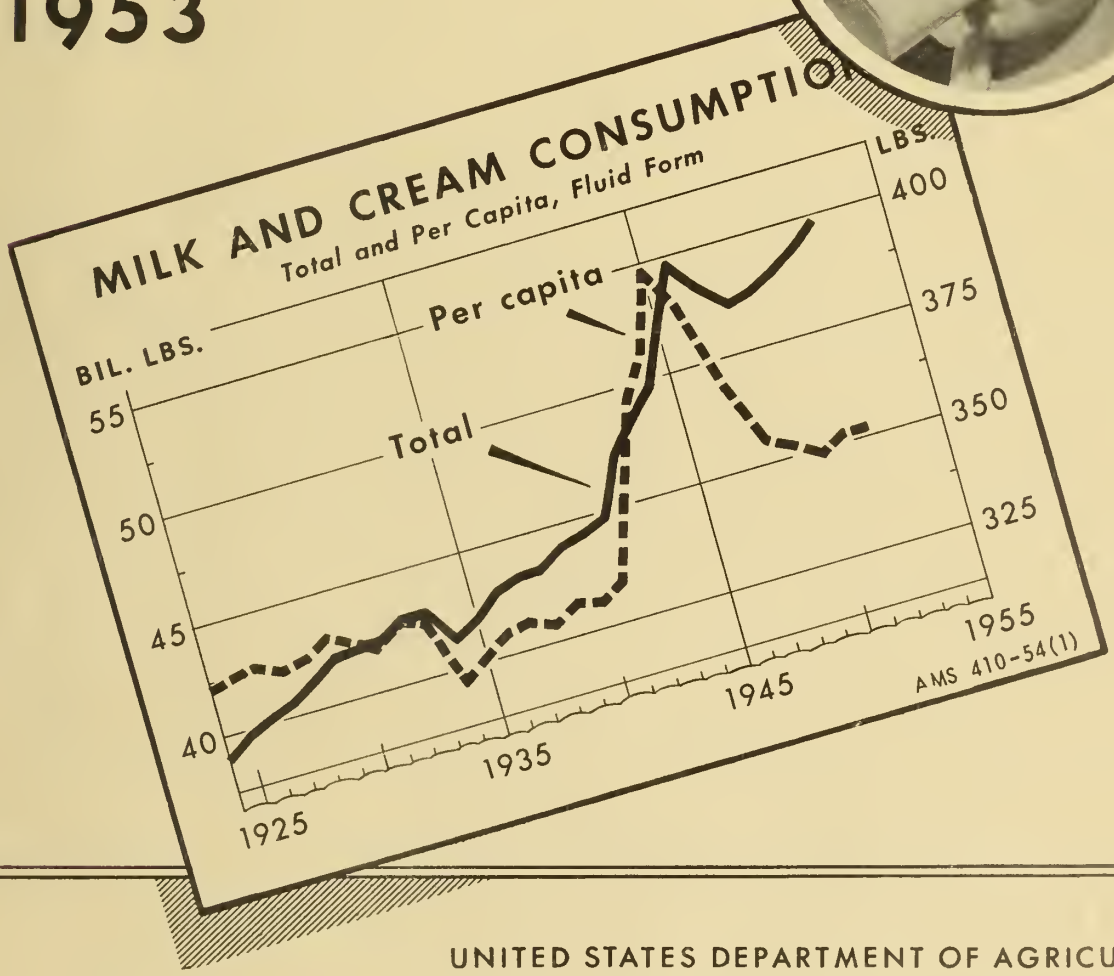
MILK PRODUCTION ON FARMS

and Statistics of Dairy Plant Products

1953



UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE

Washington, D. C.

February 1954

MILK PRODUCTION ON FARMS AND STATISTICS OF DAIRY PLANT PRODUCTS, 1953

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February 12, 1954

MILK PRODUCTION ON FARMS AND STATISTICS OF DAIRY PLANT PRODUCTS, 1953

SUMMARY

Milk production on United States farms in 1953 totaled 121 billion pounds, exceeding that in any previous year, and 6 billion pounds greater than in 1952, according to estimates just released by the Crop Reporting Board. Output was especially heavy during the early and late months of the year, but was only about average during the summer months. Milk production per cow in 1953 pushed to a new high record of 5,447 pounds, nearly one-fifth higher than a decade earlier. Milk cows on farms during 1953 numbered 22,256 thousand head, 3 percent more than in 1952, and the largest annual number since 1948, but still 13 percent below the 1944 peak.

On January 1, 1954, there were 3 percent more cows and heifers 2 years old and over kept for milk than a year earlier, 1 percent more yearling heifers, and 2 percent more heifer calves. Numbers of both heifers and heifer calves per 100 milk cows continued relatively high. The total value of milk cattle kept for breeding and replacement purposes on January 1, 1954, was 4.5 billion dollars, about 40 percent less than the peak value 2 years earlier when values per head were much higher. Civilian per capita consumption of fluid milk and cream, and condensed milk products stayed about steady in 1953, while cheese, ice cream, evaporated milk, and nonfat dry milk solids dropped off slightly, but were still at moderately high levels. Butter consumption per capita continued only about one-half that of two decades earlier.

Creamery butter production for 1953 was 20 percent higher than that of 1952 and the highest since 1944. Record high production of American cheese was reached for 1953. Cream cheese production was record high in 1953 and Swiss cheese was second only to 1952 output. Total nonfat dry milk solids also established a new high record and exceeded output in 1952 by 39 percent. Ice cream production during 1953 gained 3 percent from 1952 and was the third highest of record. Evaporated whole milk output was the lowest since 1940 while canned condensed whole milk was the lowest since 1939. While dry whole milk production rose 4 percent from 1952 to 1953, it was still below any other year's output during the past decade. Although manufacturers' stocks of evaporated, condensed, and dry milk items were generally well above average in the early part of 1953, by the last of the year they were near or below normal.

In fluid milk markets in 1953, Class I milk prices averaged $5.15 per hundredweight for milk of 3.5 percent fat content. This was 31 cents lower than in 1952 but nearly the same as in 1948 and 1951. In December, the average Class I price was 45 cents lower than in December 1952. Retail prices for standard milk delivered to homes in 25 major cities averaged 23.1 cents per quart, 0.1 cent per quart less than in 1952 but otherwise the highest of record. During October, November, and December this price was 0.5 cent per quart less than in the same months in 1952. Daily sales of fluid whole milk in 30 Federal Order markets in 1953 were 3.0 percent larger than in 1952. Daily sales of butterfat in cream in 28 Federal Order markets in 1953 were one percent smaller than in 1952. Daily sales of skim-products in 1953 were about 6 percent larger than in 1952. Daily receipts of milk from regularly approved producers in this group of 30 fluid milk markets were 10.7 percent larger than in 1952. The number of producers increased 2.9 percent and production per producer increased 8 percent from 1952.

The following Agricultural Statisticians are responsible for the preparation of this report: Milk cows and milk production, John L. Wilson, Herbert M. Walters, and Charles W. LeGrande; Manufactured dairy products, W. D. Bormuth, I. E. Wissinger, and R. P. Matteson; Fluid milk markets, P. E. O'Donnell and Lawrence W. Haynes. The work was under the direction of B.H. Bennett, Chief, Dairy Statistics Branch.

Milk production on United States farms in 1953 totaled 121,219 million pounds, on the basis of estimates for individual States. The 1953 total is 5 percent more than the 115,197 million pounds for 1952, and represents an all-time high. The previous record was the 119,828 million pounds produced in 1945. During the half dozen years prior to 1953, milk production had been relatively steady at a level not far from 116 billion pounds.

Record high off-season milk flow in 1953

Monthly milk production in 1953 was characterized by a continuation of the record high level off-season milk flow appearing in late 1952. Output by months in 1953 was at a record high level in the first four and the last three months of the year, exceeding the previous record for the month by as much as 6 percent in November and December 1953. Relatively heavy milk flow in the low production months was aided by mild winter weather over most of the country, record or near record quantities of grain and concentrates fed per milk cow, and a continued shift toward fall and winter freshenings. Production of milk on United States farms in 1953 exceeded a year earlier in all months with increases ranging from 2 to 8 percent. Compared with the 10-year average, 1953 production in the January-April period was up 5 to 6 percent and in November and December, 9 and 13 percent, respectively. In other months, the increases were much less and, in July, output was below average, partly as a result of the drought in some sections of the country. Monthly milk production estimates for the United States are shown in Table 2, and those for the 31 States that are currently available in Table 4.

The milk produced in 1953 represents the output of 22,256 thousand milk cows producing at an annual average rate of 5,447 pounds each. The number of milk cows on farms during 1953 was some 3 percent greater than in 1952, the first substantial increase in annual average numbers since 1944. Milk cow numbers were on a steady downward trend from the late World War II years to about the beginning of 1952, then turned up moderately and have continued on the upgrade since that time. The 1953 numbers exceeded those a year earlier in all but a few States, chiefly in the Great Plains area. In most of the principal milk-producing States, milk cow numbers increased by 2 to 4 percent over those in 1952. Wisconsin with 2,268 thousand milk cows in 1953 had the most for any States, followed by Minnesota with 1,370 thousand, New York with 1,354 thousand, and Iowa with 1,074 thousand.

Production per cow again breaks record

Milk production per cow on United States farms during 1953 averaged 5,447 pounds, exceeding by about 2 percent the previous high of 5,329 established in 1952. Milk production per cow has increased rather steadily over a long period of years, and the 1953 level was about one-third above the 30-year low point of 4,033 pounds per cow in 1934. Production of milk fat per cow in 1953 averaged 214 pounds, compared with 209 pounds in 1952. For individual States, milk production per cow in 1953 was at record high levels in most States other than in the South where drought affected milk flow. California with 8,030 pounds led all States in milk output per cow, followed by New Jersey with 7,420 pounds, Rhode Island with 7,300, and Wisconsin with 7,050.

Total milk production in 47 of the 48 States exceeded that in 1952. Increases of 8 percent or more were recorded in Idaho, California, northern New England, Tennessee, and Mississippi. Most other southern States, recorded from 3 to 7 percent increases, and in most of the Great Lakes and North Central States, production was up 4 to 6 percent. The smallest increases as compared with a year ago were recorded in the Eastern Rocky Mountain area. Wisconsin, as usual, was the first ranking State in total milk production with almost 16 billion pounds of milk, followed by New York with 9 1/3 billion, Minnesota with about 8½ billion, California with 6½ billion, and Pennsylvania and Iowa with almost 6 billion.

Milk cattle for breeding and replacement continue to increase

Cows and heifers 2 years old and over kept for milk on farms on January 1, 1954, totaled 24,735,000 head, or nearly 3 percent more than on January 1, 1953. This is the second year of increase in the Nation's cows kept for milk since the downward trend that started late in World War II reached a low of 23,369,000 head on January 1, 1952. Increases in numbers from a year ago occurred in all regions of the country, ranging from 2 percent in the North Central region to 4 percent in each of the South Atlantic and the Western regions. The North Atlantic and South Central regions both showed increases of 3 percent since January 1, 1953. Among the individual States, Kansas, Texas, and New Mexico, showed decreases in the number of cows and heifers 2 years old and over kept for milk, and Iowa, South Dakota, Oklahoma, and Wyoming showed no change. All other States showed increases from a year earlier ranging up to 10 percent in Idaho and 7 percent in Maryland. Numbers in Alabama, Maine, and Nevada each increased 6 percent.

The number of milk heifers 1 to 2 years of age being kept for milk cows on January 1, 1954, estimated at 6,032,000 head, was up 1 percent from a year ago. Heifer calves kept for milk cows totaled 6,820,000 head, or 2 percent greater than the number on hand on January 1, 1953. This year's heifer calf crop saved for milk cow replacements is the largest since the record high of 7,201,000 head on January 1, 1944. There were 24.4 milk heifers 1 to 2 years old per 100 milk cows on January 1, 1954, exceeded only in 1952 and the record high of 24.8 head on January 1, 1953. Milk heifer calves under 1 year old per 100 milk cows, at 27.6, declined only slightly from a year ago. The number of cows and heifers 2 years old and over eliminated from the Nation's milk cow herds during 1953 was totaled at 5,333 thousand head. This was 7 percent more than the number culled, died, or slaughtered during 1952, but less than in any other year since 1942. The aggregate value of dairy stock on farms as of January 1, 1954 is estimated at $4,489,000,000, down 26 percent from the total value of dairy animals as of January 1, 1953, but it was slightly above the 1943-52 average.

Low per capita milk output reflects declining butter consumption

In 1953 there were 13.9 milk cows per 100 people in the United States, the second smallest number in 30 years of record, and about 30 percent less than the high point 20 years ago. Milk production per capita in 1953 was 759 pounds, the third lowest of record, and about one-sixth below the peak reached in 1942. The civilian per capita consumption of butter in 1953 averaged 8.6 pounds, the same as in 1952, but only about half that 2 decades ago. Civilian per capita consumption of most dairy products other than butter was moderately high in 1953 but not at record levels. For fluid milk and cream, per capita consumption at 352 pounds in 1953 was steady with little change in the past 5 years, some 12 percent below the war-time peak, but moderately higher than in immediate prewar years. For total cheese, a 1953 per capita consumption of 7.0 pounds was lower than in any of the four preceding years, but higher than in any year prior to 1949. The per capita consumption of evaporated milk, at 15.3 pounds, was the lowest since 1944, but was only 15 percent below the record high reached in 1948. For ice cream, the per capita consumption of 3.5 gallons in 1953 was a little below that of recent years, and considerably below the immediate postwar peak, but was about 1½ times as high as immediately prior to World War II. For nonfat dry milk solids, per capita consumption receded from 4.6 pounds in 1952 to 4.2 pounds in 1953, but was about double the level 15 years ago. The milk equivalent of combined consumption of all dairy products, computed on basis of fat utilization, was 682 pounds, the lowest in a 45-year record, but greatly influenced by the sharp decline in butter consumption in recent years.

Table 1.-Milk cows and milk production on farms, United States, 1925-39 average and 1940-53

Year	Number of milk cows on farms 1/	Production per milk cow 2/		Total milk production on farms 2/	
		Milk	Milkfat	Quantity	Amount per capita
	Thousands	Pounds		Mil. lb.	Pounds
1925-39 av.	22,952	4,379	172	100,369	808
1940	23,671	4,622	184	109,412	828
1941	24,288	4,738	188	115,088	863
1942	25,027	4,736	188	118,533	879
1943	25,451	4,598	183	117,017	856
1944	25,597	4,572	182	117,023	846
1945	25,033	4,787	190	119,828	856
1946	24,089	4,886	194	117,697	832
1947	23,329	5,007	199	116,814	810
1948	22,336	5,044	200	112,671	768
1949	22,024	5,272	209	116,103	778
1950	21,944	5,314	210	116,602	769
1951	21,616	5,313	210	114,841	744
1952 3/	21,615	5,329	209	115,197	734
1953 4/	22,256	5,447	214	121,219	759

1/ Average number on farms during year excluding heifers not yet fresh.
2/ Excludes milk sucked by calves and milk produced by cows not on farms.
3/ Revised.
4/ Preliminary.

Table 2.-Monthly milk production on farms, United States, 1942-51 average, and 1952-54

Month	Average 1942-51	1952 1/	1953 2/			1954 2/	
				Percent of Average	1952		Percent of 1953
	Mil. lbs.	Mil. lbs.	Mil.lbs.			Mil.lbs.	
January	8,298	8,151	8,800	106	108	9,172	104
February	8,130	8,155	8,555	105	105		
March	9,510	9,430	10,191	106	108		
April	10,389	10,148	10,910	105	108		
May	12,338	12,073	12,637	102	105		
June	12,393	11,896	12,449	100	105		
July	11,660	11,027	11,603	100	105		
August	10,593	10,265	10,624	100	103		
September	9,185	9,131	9,306	101	102		
October	8,555	8,660	8,878	104	103		
November	7,655	7,884	8,359	109	106		
December	7,908	8,377	8,907	113	106		
Year	116,713	115,197	121,219	104	105		

1/ Revised.
2/ Preliminary

Table 3.--Milk cows and milk production on farms, by States, 1952 and 1953

State and Division	Milk cows on farms 1/		Milk production per cow 2/		Total milk production on farms 2/		
	1952 3/	1953 4/	1952 3/	1953 4/	1952 3/	1953 4/	1953 as % of 1952
	Thousands		Pounds		Million pounds		Percent
Me.	110	116	5,650	5,870	622	681	109
N. H.	60	63	5,750	6,000	345	378	110
Vt.	258	275	5,900	6,050	1,522	1,664	109
Mass.	119	122	6,580	6,700	783	817	104
R. I.	19	20	7,100	7,300	135	146	108
Conn.	108	110	6,450	6,600	697	726	104
N. Y.	1,310	1,354	6,840	6,900	8,960	9,343	104
N. J.	153	155	7,440	7,420	1,138	1,150	101
Pa.	899	930	6,380	6,420	5,736	5,971	104
N. Atl.	3,036	3,145	6,567	6,638	19,938	20,876	104.7
Ohio	929	953	5,800	5,990	5,388	5,708	106
Ind.	636	650	5,670	5,820	3,606	3,783	105
Ill.	856	874	5,800	5,940	4,965	5,192	105
Mich.	842	866	6,470	6,500	5,448	5,629	103
Wis.	2,207	2,268	6,920	7,050	15,272	15,989	105
E. N. Cent.	5,470	5,511	6,340	6,470	34,679	36,301	104.7
Minn.	1,313	1,370	6,160	6,270	8,088	8,590	106
Iowa	1,059	1,074	5,360	5,520	5,676	5,928	104
Mo.	942	974	4,240	4,310	3,994	4,198	105
N. Dak.	369	379	4,670	4,700	1,723	1,781	103
S. Dak.	311	314	4,170	4,360	1,297	1,369	106
Nebr.	431	434	4,880	5,030	2,103	2,183	104
Kans.	533	529	4,370	4,650	2,329	2,460	106
W. N. Cent.	4,958	5,074	5,085	5,224	25,210	26,509	105.2
Del.	37	39	5,350	5,350	198	209	106
Md.	233	244	5,620	5,700	1,309	1,391	106
Va.	424	434	4,480	4,660	1,900	2,022	106
W. Va.	205	209	3,850	3,840	789	803	102
N. C.	367	382	4,400	4,490	1,615	1,715	106
S. C.	153	158	3,760	3,770	575	596	104
Ga.	338	348	3,480	3,500	1,176	1,218	104
Fla.	140	146	4,350	4,370	609	638	105
S. Atl.	1,897	1,960	4,307	4,384	8,171	8,592	105.2
Ky.	598	625	3,900	3,950	2,332	2,469	106
Tenn.	637	668	3,630	3,730	2,312	2,492	108
Ala.	384	405	3,400	3,400	1,306	1,377	105
Miss.	524	548	2,670	2,790	1,399	1,529	109
Ark.	400	420	3,040	3,100	1,216	1,302	107
La.	307	325	2,500	2,480	768	806	105
Okla.	497	500	3,520	3,760	1,749	1,880	107
Tex.	961	962	3,290	3,390	3,162	3,261	103
S. Cent.	4,308	4,453	3,306	3,395	14,244	15,116	106.1
Mont.	103	103	4,980	5,140	513	529	103
Idaho	189	210	6,300	6,440	1,191	1,352	114
Wyo.	43	42	5,170	5,130	222	215	97
Colo.	160	164	5,400	5,430	864	891	103
N. Mex.	50	49	4,200	4,450	210	218	104
Ariz.	47	48	5,900	6,100	277	293	106
Utah	101	105	6,550	6,600	662	693	105
Nev.	13	14	6,300	6,200	82	87	106
Wash.	245	255	6,850	6,920	1,678	1,765	105
Oreg.	202	207	5,850	5,940	1,182	1,230	104
Calif.	793	816	7,660	8,030	6,074	6,552	108
West	1,946	2,013	6,657	6,868	12,955	13,825	106.7
U. S.	21,615	22,256	5,329	5,447	115,197	121,219	105.2

1/Average number on farms during year, heifers that have not freshened excluded.
2/Excludes milk sucked by calves and milk produced by cows not on farms.
3/Revised. 4/Preliminary.

Table 4.--Milk production on farms, by months, selected States, 1942-51 average, 1952 and 1953

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	Million pounds												
NEW JERSEY													
1942-51 av.	85	80	92	93	104	97	91	91	86	84	79	83	1,066
1952	93	90	99	100	112	100	92	95	91	90	85	91	1,138
1953 1/	95	88	102	102	112	101	94	96	90	89	87	94	1,150
PENNSYLVANIA													
1942-51 av.	397	379	448	468	532	511	480	464	434	419	378	389	5,298
1952	442	432	493	507	571	527	492	483	464	457	420	448	5,736
1953 1/	470	441	524	537	603	553	516	494	463	462	438	470	5,971
OHIO													
1942-51 av.	352	332	396	432	535	540	515	482	438	411	354	344	5,132
1952	372	352	413	444	560	550	518	496	457	436	393	397	5,388
1953 1/	415	384	456	482	587	573	542	523	478	444	404	420	5,708
INDIANA													
1942-51 av.	258	249	283	299	370	373	365	340	313	296	254	250	3,658
1952	245	249	274	294	387	380	355	337	312	282	245	246	3,606
1953 1/	261	259	313	321	402	393	368	347	312	289	258	260	3,783
ILLINOIS													
1942-51 av.	399	390	447	467	563	554	516	484	427	405	364	376	5,391
1952	342	360	406	412	502	499	471	457	417	387	342	370	4,965
1953 1/	381	372	440	444	530	520	490	451	403	390	369	402	5,192
MICHIGAN													
1942-51 av.	386	376	434	456	540	558	518	485	440	412	359	365	5,328
1952	380	384	438	450	534	561	515	496	464	441	386	399	5,448
1953 1/	413	397	463	480	557	571	522	510	465	441	396	414	5,629
WISCONSIN													
1942-51 av.	1,040	1,060	1,294	1,399	1,658	1,675	1,471	1,253	1,049	961	852	945	14,657
1952	1,035	1,122	1,350	1,410	1,712	1,750	1,515	1,310	1,112	1,024	902	1,030	15,272
1953 1/	1,176	1,181	1,442	1,533	1,757	1,760	1,539	1,331	1,123	1,043	964	1,140	15,989
MINNESOTA													
1942-51 av.	691	688	807	801	916	938	806	646	517	494	505	611	8,421
1952	621	660	758	770	913	887	737	594	487	480	519	662	8,088
1953 1/	724	722	841	843	925	934	773	597	497	499	550	685	8,590
IOWA													
1942-51 av.	467	455	538	555	707	705	661	590	486	460	413	431	6,468
1952	384	379	441	460	605	616	585	530	457	432	382	405	5,676
1953 1/	431	406	483	502	639	640	606	539	448	430	391	413	5,928
MISSOURI													
1942-51 av.	250	242	286	337	425	424	416	401	355	323	265	254	3,977
1952	250	243	287	334	423	409	401	411	373	324	271	268	3,994
1953 1/	261	253	311	370	460	447	423	403	356	336	288	290	4,198

1/ Preliminary.

Table 4.--Milk production on farms, by months, selected States, 1942-51 average, 1952 and 1953 (continued)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	Million pounds												
NORTH DAKOTA													
1942-51 av.	115	124	148	163	215	249	234	196	146	121	102	106	1,920
1952	97	112	134	151	195	212	203	178	135	108	95	103	1,723
1953 1/	109	117	141	155	201	226	211	173	139	108	101	110	1,781
SOUTH DAKOTA													
1942-51 av.	104	107	125	136	179	197	182	148	116	98	86	92	1,570
1952	83	85	102	118	145	157	147	121	100	87	78	82	1,297
1953 1/	88	93	110	118	152	163	154	126	102	91	85	87	1,369
NEBRASKA													
1942-51 av.	173	175	201	224	275	284	267	232	184	162	148	156	2,481
1952	143	151	173	195	226	233	222	198	161	146	129	136	2,103
1953 1/	147	151	179	194	233	242	233	197	165	159	140	143	2,183
KANSAS													
1942-51 av.	203	205	233	262	312	295	274	257	213	199	190	193	2,836
1952	169	167	188	210	248	231	212	213	184	175	164	170	2,329
1953 1/	172	168	201	223	250	246	231	222	187	179	181	190	2,460
VIRGINIA													
1942-51 av.	120	112	128	142	172	177	180	180	165	154	132	126	1,787
1952	132	125	142	155	183	177	173	182	176	166	146	143	1,900
1953 1/	142	133	154	167	199	196	192	189	179	171	151	149	2,022
WEST VIRGINIA													
1942-51 av.	55	51	59	65	82	87	86	81	74	70	59	54	823
1952	54	53	59	64	76	80	79	76	70	66	57	55	789
1953 1/	57	53	60	65	79	83	80	74	69	68	58	57	803
NORTH CAROLINA													
1942-51 av.	108	101	115	127	141	140	146	144	131	124	112	110	1,498
1952	120	115	122	136	150	145	146	151	144	136	125	125	1,615
1953 1/	124	117	130	144	159	157	164	162	149	141	133	135	1,715
SOUTH CARCLINA													
1942-51 av.	42	40	46	49	53	53	55	55	50	47	42	43	575
1952	43	41	46	51	55	53	54	53	49	46	42	42	575
1953 1/	43	41	48	51	55	55	56	55	52	50	45	45	596
GEORGIA													
1942-51 av.	84	80	94	100	108	106	109	107	99	92	83	85	1,148
1952	88	87	98	106	108	103	102	102	103	98	91	90	1,176
1953 1/	88	84	100	107	111	109	108	109	107	104	95	96	1,218
KENTUCKY													
1942-51 av.	137	132	152	181	232	240	250	244	214	188	152	138	2,261
1952	147	145	167	192	246	247	239	238	216	191	157	147	2,332
1953 1/	153	153	175	203	256	265	265	261	224	197	163	156	2,469

1/ Preliminary.

Table 4.--Milk production on farms, by months, selected States, 1942-51 average, 1952 and 1953 (continued)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	Million pounds												
TENNESSEE													
1942-51 av.	141	136	161	188	228	228	236	235	208	178	150	144	2,233
1952	151	145	169	200	235	225	226	227	215	190	167	162	2,312
1953 1/	161	151	183	218	256	247	255	255	227	196	173	170	2,492
ALABAMA													
1942-51 av.	93	88	101	111	125	125	130	124	112	105	96	94	1,304
1952	91	93	109	116	126	125	124	118	106	102	97	99	1,306
1953 1/	100	98	108	118	134	133	134	126	113	112	103	98	1,377
MISSISSIPPI													
1942-51 av.	89	88	108	127	153	146	148	137	116	105	93	89	1,396
1952	94	94	111	128	149	138	136	131	116	107	97	98	1,399
1953 1/	100	100	122	145	161	148	148	145	133	120	103	104	1,529
OKLAHOMA													
1942-51 av.	152	159	189	213	260	249	241	220	180	163	142	138	2,306
1952	129	132	145	160	197	181	167	161	134	126	109	108	1,749
1953 1/	126	132	160	176	208	185	178	173	145	137	129	129	1,880
TEXAS													
1942-51 av.	256	259	307	346	387	380	377	342	305	286	257	249	3,751
1952	222	223	263	302	352	307	290	267	250	247	226	233	3,062
1953 1/	243	238	292	328	315	293	297	280	266	253	228	233	3,261
MONTANA													
1942-51 av.	42	42	49	58	70	76	72	62	53	49	40	40	650
1952	34	34	38	48	55	57	54	48	42	39	34	35	513
1953 1/	35	35	40	45	54	58	57	50	43	40	36	36	529
IDAHO													
1942-51 av.	89	86	103	114	135	135	129	118	102	97	85	86	1,278
1952	81	82	93	103	124	126	117	108	96	95	86	88	1,191
1953 1/	88	86	104	117	137	137	133	128	113	110	101	98	1,352
UTAH													
1942-51 av.	51	49	55	59	67	67	63	56	49	49	45	48	659
1952	52	51	55	56	61	67	63	56	49	50	48	53	662
1953 1/	56	52	58	61	67	68	65	59	51	52	50	54	693
WASHINGTON													
1942-51 av.	127	123	146	168	203	198	186	170	148	140	123	122	1,854
1952	123	118	139	154	182	167	153	147	130	131	115	116	1,678
1953 1/	126	120	145	159	185	179	168	157	142	139	123	122	1,765
OREGON													
1942-51 av.	81	78	101	125	150	148	140	122	105	97	85	81	1,313
1952	73	73	92	113	134	129	122	109	95	88	78	76	1,182
1953 1/	74	74	96	116	137	133	129	112	99	93	84	83	1,230
CALIFORNIA													
1942-51 av.	416	407	496	535	564	535	529	501	452	444	414	416	5,711
1952	447	447	516	564	579	554	553	534	490	490	455	455	6,074
1953 1/	463	458	550	586	629	606	607	587	532	523	507	504	6,552

1/ Preliminary.

Table 5.-Milk cattle for breeding and replacement purposes on farms, United States, January 1, 1920-54

Year	Cows and heifers 2 years old and over kept for milk: 1,000 head	Heifers 1-2 years kept for milk cows: 1,000 head	Heifers 1-2 years kept for milk cows: No. per 100 cows	Heifer calves under 1 year kept for milk cows: 1,000 head	Heifer calves under 1 year kept for milk cows: No. per 100 cows	Value of milk cattle for breeding and replacement purposes 1/: Mil. dol.	Cows and heifers eliminated during year 2/: 1,000 head	Cows and heifers eliminated during year 2/: No. per 100 cows
1920	21,455	4,416	20.6	4,380	20.4	2,098	4,415	20.6
1921	21,456	4,166	19.4	4,174	19.5	1,566	3,771	17.6
1922	21,851	3,973	18.2	4,367	20.0	1,263	3,686	16.9
1923	22,138	4,159	18.8	4,358	19.7	1,285	3,966	17.9
1924	22,331	4,154	18.6	4,390	19.7	1,322	3,910	17.5
1925	22,575	4,177	18.5	4,306	19.1	1,297	4,342	19.2
1926	22,410	4,111	18.3	4,335	19.3	1,450	4,270	19.1
1927	22,251	4,110	18.5	4,439	19.9	1,563	4,130	18.6
1928	22,231	4,197	18.9	4,662	21.0	1,951	3,988	17.9
1929	22,440	4,450	19.8	5,012	22.3	2,278	3,858	17.2
1930	23,032	4,851	21.1	5,199	22.6	2,315	4,063	17.6
1931	23,820	4,962	20.8	5,189	21.8	1,640	3,886	16.3
1932	24,896	5,020	20.2	5,449	21.9	1,176	3,980	16.0
1933	25,936	5,250	20.2	5,674	21.9	909	4,255	16.4
1934	26,931	5,382	20.0	5,675	21.1	871	6,231	23.1
1935	26,082	4,995	19.2	5,280	20.2	941	5,881	22.5
1936	25,196	4,772	18.9	5,484	21.8	1,501	5,319	21.1
1937	24,649	4,899	19.9	5,305	21.5	1,501	5,082	20.6
1938	24,466	4,808	19.7	5,500	22.5	1,608	4,674	19.1
1939	24,600	5,122	20.8	5,904	24.0	1,683	4,782	19.4
1940	24,940	5,525	22.2	5,967	23.9	1,777	5,012	20.1
1941	25,453	5,676	22.3	6,254	24.6	1,941	4,816	18.9
1942	26,313	5,889	22.4	6,635	25.2	2,570	5,064	19.2
1943	27,138	6,067	22.4	7,035	25.9	3,389	5,501	20.3
1944	27,704	6,352	22.9	7,201	26.0	3,519	6,286	22.7
1945	27,770	6,307	22.7	6,772	24.4	3,407	7,556	27.2
1946	26,521	5,758	21.7	6,270	23.6	3,663	6,437	24.3
1947	25,842	5,524	21.4	6,317	24.4	4,618	6,751	26.1
1948	24,615	5,550	22.5	6,004	24.4	5,055	6,303	25.6
1949	23,862	5,327	22.3	6,081	25.5	5,764	5,336	22.4
1950	23,853	5,394	22.6	6,208	26.0	5,285	5,525	23.2
1951	23,722	5,510	23.2	6,374	26.9	6,613	5,863	24.7
1952	23,369	5,719	24.5	6,549	28.0	7,539	4,994	21.4
1953	24,094	5,974	24.8	6,676	27.7	6,103	5,333	22.1
1954	24,735	6,032	24.4	6,820	27.6	4,489		

1/ Includes an allowance for breeding and replacement bulls for which numbers are not shown.

2/ Cows and heifers 1 year old and over at beginning of year less cows 2 years old and over at end of year. Includes mainly animals culled out, death losses, and farm slaughter.

Table 6.--Cows, heifers, and heifer calves kept for milk on farms, January 1, by age groups, 1943-52 average, and 1953-54

State and Division	Cows and heifers 2 years old and over kept for milk			Heifers 1 to 2 years old kept for milk cows			Heifer calves under 1 year kept for milk cows		
	1943-52 average	1953	1954 1/	1943-52 average	1953	1954 1/	1943-52 average	1953	1954 1/
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Me.	124	125	132	34	43	45	38	46	47
N. H.	72	70	73	18	20	20	19	21	20
Vt.	295	302	317	59	71	76	64	78	74
Mass.	134	130	131	22	25	26	24	28	28
R. I.	21	20	21	2	3	3	3	4	4
Conn.	123	120	122	21	26	29	24	29	28
N. Y.	1,420	1,453	1,497	285	352	366	301	374	350
N. J.	155	156	158	24	28	28	22	28	27
Pa.	966	989	1,029	233	281	287	248	292	301
N. Atl.	3,310	3,365	3,480	699	849	880	743	900	879
Ohio	1,070	1,019	1,050	250	266	268	272	284	283
Ind.	769	671	684	163	145	140	176	155	157
Ill.	1,082	931	940	278	270	268	325	315	331
Mich.	997	963	982	245	273	284	271	295	293
Wis.	2,480	2,528	2,604	518	599	621	542	650	625
E. N. Cent.	6,397	6,112	6,260	1,454	1,553	1,581	1,585	1,699	1,689
Minn.	1,644	1,483	1,542	389	416	429	406	446	461
Iowa	1,328	1,145	1,145	294	275	270	315	290	287
Mo.	1,015	1,014	1,044	202	205	193	232	220	260
N. Dak.	496	422	430	113	90	90	140	117	141
S. Dak.	443	354	354	120	89	93	158	140	155
Nebr.	559	450	455	140	116	114	158	140	151
Kans.	696	574	568	152	135	126	177	148	152
W. N. Cent.	6,180	5,442	5,538	1,410	1,326	1,315	1,586	1,501	1,607
Del.	38	41	43	8	11	11	9	11	11
Md.	231	257	275	50	64	65	54	66	61
Va.	467	484	494	90	111	107	105	123	113
W. Va.	236	226	231	43	45	46	46	50	49
N. C.	378	391	411	76	95	93	88	98	102
S. C.	174	168	176	40	40	38	46	46	50
Ga.	380	387	395	103	105	107	117	117	127
Fla.	139	158	164	43	58	62	56	70	67
S. Atl.	2,043	2,112	2,189	453	529	529	520	581	580
Ky.	646	681	708	105	116	117	113	132	133
Tenn.	655	701	736	121	133	139	136	151	152
Ala.	431	444	471	132	133	140	156	160	175
Miss.	579	594	624	124	136	150	144	160	165
Ark.	478	462	485	122	114	108	142	130	145
La.	340	349	366	85	75	82	99	95	100
Okla.	728	558	558	185	138	129	241	186	196
Tex.	1,312	1,085	1,052	281	266	232	324	270	270
S. Cent.	5,168	4,874	5,000	1,154	1,111	1,097	1,355	1,284	1,336
Mont.	144	110	112	32	24	25	46	34	39
Idaho	241	231	254	61	67	72	77	80	88
Wyo.	61	48	48	15	15	14	16	15	15
Colo.	217	182	187	50	48	48	62	58	60
N. Mex.	66	53	50	15	13	11	17	14	12
Ariz.	49	51	52	13	12	13	14	14	14
Utah	114	111	115	28	29	34	34	38	38
Nev.	19	16	17	6	8	9	10	11	11
Wash.	326	280	291	76	68	70	93	85	90
Oreg.	251	233	242	62	62	64	76	76	80
Calif.	853	874	900	223	260	270	245	286	282
West.	2,342	2,189	2,268	581	606	630	691	711	729
U. S.	25,440	24,094	24,735	5,751	5,974	6,032	6,481	6,676	6,820

1/ Preliminary.

Table 7.--Per capita milk production and consumption of dairy products, United States, 1915-53

Year	Milk cows per 100 people	Milk production per capita 1/	Per capita consumption of dairy products 2/								
			Fluid milk and cream	Butter	Cheese 3/	Evaporated milk	Condensed milk 4/	Dry whole milk	Nonfat dry milk solids	Ice cream	Total milk equiv. 7/
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Gallons	Pounds
1915	6/	6/	318	17.0	4.1	3.3	6.1	5/	6/	.8	739
1916	6/	6/	315	17.1	3.8	3.5	5.9	5/	6/	.9	737
1917	6/	6/	328	15.5	3.7	3.8	5.5	5/	6/	1.0	718
1918	6/	6/	361	13.9	3.9	4.7	5.4	5/	6/	1.3	716
1919	6/	6/	335	15.0	4.2	6.3	3.4	.1	6/	1.4	724
1920	6/	6/	348	14.6	4.0	7.1	1.4	.1	.2	1 6	726
1921	6/	6/	346	16.0	4.1	7.7	2.1	5/	.2	1.6	757
1922	6/	6/	342	16.9	4.2	8.2	2.5	5/	.2	1.7	772
1923	6/	6/	328	17.6	4.4	8.8	2.5	.1	.4	1.9	777
1924	18.8	782	336	17.6	4.5	9.4	2.2	.1	.4	1.9	785
1925	18.6	783	337	17.8	4.6	9.0	2.5	.1	.4	2.0	790
1926	18.2	795	338	18.1	4.6	9.5	2.2	.1	.5	2.0	806
1927	17.8	800	336	18.0	4.5	9.3	2.2	.1	.7	2.1	801
1928	17.6	795	337	17.3	4.4	10.1	1.9	.1	.8	2.1	793
1929	17.8	813	340	17.3	4.6	11.0	2.4	.1	1.1	2.3	800
1930	18.1	814	337	17.3	4.6	11.1	2.3	.1	1.3	2.0	808
1931	18.6	831	335	18.0	4.5	11.4	1.9	.1	1.4	1.8	826
1932	19.3	832	339	18.2	4.4	12.2	1.6	.1	1.4	1.3	820
1933	20.0	834	337	17.9	4.5	12.2	1.4	.1	1.4	1.3	803
1934	19.9	804	322	18.3	4.8	13.3	1.4	.1	1.5	1.5	803
1935	19.0	795	326	17.3	5.2	14.5	1.5	.1	1.6	1.7	789
1936	18.5	800	330	16.6	5.4	13.9	1.7	.1	1.7	2.0	782
1937	18.1	791	331	16.5	5.5	14.8	1.7	.1	1.9	2.2	786
1938	17.9	815	329	16.4	5.8	15.4	1.6	.1	2.1	2.2	785
1939	17.8	816	332	17.2	5.8	16.1	1.5	.1	2.1	2.3	813
1940	17.9	828	331	16.7	5.9	17.3	1.8	.1	2.2	2.4	807
1941	18.2	863	334	15.8	5.8	16.6	1.7	.2	2.4	2.9	791
1942	18.6	879	354	15.7	6.3	16.3	1.9	.2	2.5	3.3	821
1943	18.6	856	371	11.7	4.9	16.9	1.7	.4	2.1	2.8	740
1944	18.5	846	381	11.8	4.8	13.6	1.9	.3	1.5	3.1	752
1945	17.9	856	399	10.8	6.6	16.1	1.9	.4	1.9	3.4	777
1946	17.0	832	389	10.4	6.6	16.8	1.5	.5	3.2	5.0	775
1947	16.2	810	369	11.1	6.8	17.9	2.1	.4	2.9	4.3	758
1948	15.2	768	355	9.9	6.8	18.1	1.7	.3	3.3	3.9	714
1949	14.8	778	352	10.4	7.2	17.6	1.9	.2	3.2	3.7	724
1950	14.5	769	349	10.6	7.6	17.9	1.9	.3	3.6	3.6	731
1951	14.0	744	352	9.5	7.1	16.0	2.0	.3	4.2	3.6	707
1952	13.8	734	352	8.6	7.5	15.5	1.9	.4	4.6	3.7	694
1953	13.9	759	352	8.6	7.0	15.3	1.9	.2	4.2	3.5	682

1/ Farm milk production in relation to census July 1 population including armed forces overseas.
2/ Revised series. Data for 1941-53 are civilian consumption only.
3/ All cheese except full skim, cottage, pot and bakers'.
4/ Case and bulk.
5/ Less than .05.
6/ Not available.
7/ Whole milk equivalent, fat solids basis.

PRODUCTION, STOCKS, AND PRICES OF MANUFACTURED DAIRY PRODUCTS, 1953

In 1953, production of American cheese, total cheese, cream cheese, and total nonfat dry milk solids were each the highest of record. Most manufactured dairy products showed gains in production from 1952 to 1953 except for a few minor types of cheese, such as Swiss, Blue Mold and unclassified varieties. Declines in production were also shown by evaporated whole milk and canned condensed whole milk.

Creamery butter production for the United States during 1953 is estimated at 1,424,940,000 pounds, highest since 1944, a gain of 20 percent from the previous year and 9 percent from the 1947-51 average. Production during 1953 was substantially higher during all months of the year than that of a year earlier. The three leading States-Minnesota, Wisconsin and Iowa-produced 46 percent of the United States total of creamery butter. Wisconsin which ordinarily ranks third in production was second in 1953 with 206,805,000 pounds, which is the highest production for that State on record. By regions, production changes from 1952 to 1953 ranged from a gain of 12 percent in the West North Central region to as high as 47 percent in the North Atlantic region.

Total cheese production for 1953 was 1,397,940,000 pounds, highest in 35 years of record and a gain of 11 percent both from a year earlier and the 5-year average. Changes in output from the same month a year earlier ranged from only a fractional decrease in October to a gain of as much as 36 percent in January.

American cheese production in 1953 for the United States was 974,240,000 pounds, highest of record, a gain of 15 percent from a year earlier and 9 percent from the 1947-51 average. Wisconsin's production at 443,060,000 pounds for 1953 represented 45 percent of the Nation's total and exceeded the production of any other State by a large margin. Changes in production from 1952 by regions ranged from a decrease of 17 percent in the North Atlantic area-the only one showing a decline-to a gain of 81 percent in the South Atlantic area. Output in the East North Central region was up 11 percent and in the West North Central 37 percent.

The 1953 output of Swiss cheese was 105,490,000 pounds, the highest in 36 years of record except for 1952, a decline of 3 percent from a year earlier, but a gain of 27 percent from the 1947-51 average. Production of Brick and Munster cheese in 1953 was 36,160,000 pounds, the highest since 1936, a gain of 7 percent from a year earlier and 24 percent from the 5-year average. Limburger cheese production was 6,640,000 pounds, highest since 1949, a gain of 9 percent from a year earlier, but a decline of 5 percent from the 5-year average. The record high production of cream cheese in the United States during 1953 was 74,270,000 pounds which is 4 percent higher than a year earlier and 32 percent up from the 1947-51 average. Neufchatel cheese production was 6,450,000 pounds, highest since 1946, a gain of 11 percent from a year earlier and 60 percent from the 5-year average. Output of Italian cheese was 63,890,000 pounds, third highest of record, a gain of 5 percent from a year earlier and 35 percent from the 5-year average. Blue Mold cheese production at 9,350,000 pounds was 14 percent higher than that of the 5-year average. Production of unclassified varieties of cheese totaled 21,450,000 pounds, a decline of 10 percent from a year earlier and 17 percent from the 5-year average.

Output of ice cream during 1953 is estimated at 606,550,000 gallons, third highest of record, a gain of 3 percent from 1952 and 5 percent from the 5-year average. Changes in ice cream production by regions from 1952 to 1953 ranged from a decline of 6 percent in the Mountain area to a gain of 5 percent in the East North Central region The only other region showing a decline was the Pacific area where a 2 percent decrease occurred. Ice cream production in Pennsylvania was the second highest of record at 74,420,000 gallons exceeded only in 1946 when 79,494,000 gallons was produced. Most of the individual States where estimates of ice cream production have been made for 1953 registered gains from 1952. Exceptions, however, are Massachusetts New York, Illinois, Missouri, North and South Dakota, District of Columbia, West Virginia, Texas, Colorado, Washington, and Oregon where declines were shown. Sherbet production during 1953 continued to register a sharp gain from a year earlier. At 31,630,000 gallons, production rose 23 percent from 1952 and 114 percent from the

1947-51 average. Production of sherbet was higher than that of the preceding year in all months, and gains ranged from 15 percent in July to as high as 52 percent in March.

Evaporated whole milk production during 1953 totaled 2,556,100,000 pounds, lowest since 1940, down 10 percent from a year earlier and 16 percent from the 1947-51 average. During January 1953, production was higher than that of the same month a year earlier but during the remainder of the year production ranged from a decrease of 1 percent in March to as much as 30 percent in September. Output of sweetened condensed whole milk, case goods, was 42,410,000 pounds during the year of 1953, lowest since 1939, down 22 percent from a year earlier and 59 percent from the 5-year average. In most months production was sharply lower than that of a year earlier, but in May production was 27 percent above. Other months ranged from a fractional decline in April to as high as a 61 percent decrease from the same month a year earlier during December.

Manufacturers' stocks of evaporated milk were considerably above the 5-year average during the first half of 1953. During the latter part of the year, however, stocks were near average or below in most cases. At the end of the year stocks were 262,913,000 pounds, a decline of 31 percent from those of a year earlier but a gain of 8 percent from the 5-year average for the date. Manufacturers' stocks of canned condensed whole milk were sharply higher than both the average for the date and a year earlier during the early months of 1953. In the latter part of 1953, however, stocks were sharply lower than either a year earlier or the corresponding average for the date for 1947-51.

Manufacturers' selling prices of evaporated whole milk averaged $5.92 per case of 48 14½-oz. cans during 1953. This is 43 cents less than the all-time record annual high of 1952. During the early months of the year prices were at much the same level as those of a year earlier but as the year progressed the prices dropped substantially below the same month a year earlier. For December, prices averaged $5.82 per case which was a decrease of 51 cents from December 1952.

The 1953 output of total nonfat dry milk solids was the highest of record. At 1,200,340,000 pounds, production rose 39 percent above a year earlier and 55 percent above the 1947-51 average. Changes in production from a year earlier by months ranged from a gain of 22 percent in May and June to as high as 74 percent in January. Gains from a year earlier were particularly marked during January, February, October, November, and December. Production of spray-dried nonfat milk solids was likewise at a record level and, at 947,050,000 pounds, was 42 percent higher than that of 1952 and 79 percent above the 5-year average. Production of roller-dried nonfat milk solids was 253,290,000 pounds, highest since 1950, up 28 percent from a year earlier and 3 percent from the 5-year average. Output of dry skim milk for animal feed during 1953 was 25,985,000 pounds, a gain of 3 percent from the preceding year and 47 percent from the 5-year average. Dry whole milk production at 105,345,000 pounds for 1953 was 4 percent higher than that for 1952, but was still lower than for any other year in the past decade. Production by months was sharply lower than that of a year earlier during April, May, and June. The margin over a year earlier rose to as high as 61 percent in November. Dry buttermilk production was 49,385,000 pounds, highest since 1945, up 5 percent from 1952 and 7 percent from the 1947-51 average. By months, production was sharply higher than that of a year earlier during the early months of the year but during the latter half of the year was lower in all months except December when a 2 percent gain was shown.

Stocks of total nonfat dry milk solids were sharply higher than those of a year earlier during the early months of 1953. During the latter months of the year, however, holdings were considerably lower than those of a year earlier. On December 31, stocks were 74,094,000 pounds which represented a decrease of 42 percent from those being held by manufacturers a year earlier. Stocks of dry whole milk at the end of each month during 1953 were lower than those of the same date a year earlier in all cases. The decrease was only slight during the early months of the year but by December the decline was 33 percent. Stocks of dry buttermilk held by manu-

(Continued on page 14)

facturers were sharply higher than those of a year earlier during the early months of 1953 but dropped to a point much below those of a year earlier by December 31.

Selling prices of total nonfat dry milk solids averaged 15.18 cents for 1953, a decrease of more than 1 cent from the record high level of 1952. The average price received by manufacturers for spray process nonfat dry milk solids was 15.70 cents which represented a decline of 0.8 cent from the 1952 annual all-time high. Prices received by manufacturers for roller-dried nonfat milk solids averaged 13.13 cents for 1953, a decline of more than 2.1 cents from the average for 1952. Selling prices of dry whole milk in 1-2½ lb. packages averaged 47.29 cents for the year of 1953, a decrease of 2¼ cents from the 1952 average and more than 3 cents from the 1951 average. In 5 lb. packages prices of dry whole milk averaged 41.38 cents per pound, a decline of 3 3/4 cents from 1952. In all other packages, including barrels and drums, prices averaged 35.39 cents, which is a decline of more than 4½ cents from 1952. Dry whole milk in all packages averaged 41.50 cents per pound for 1953, a decrease of more than 3¾ cents from the average in 1952.

The 1953 annual average price paid by dairy plants for manufacturing milk was $3.55 per hundredweight, which is the lowest since 1950. This price is 55 cents under the annual average for 1952. By months, prices during 1953 were sharply lower than those of a year earlier. The decreases ranged from 35 cents in January to a high of 78 cents in September and October. By December, however, this decline had moderated and was only 46 cents. The manufacturing milk price series is developed by weighting the prices paid for milk used in the production of butter and by-products, American cheese and evaporated milk. The individual series from which this manufacturing milk price is developed is shown in Table 25.

The average price paid for milk used for butter and by-products for 1953 by months was lower in every case than that of a year earlier. During 1953 the average price of milk used for butter and by-products per pound of milkfat ranged from 90 cents in August to as high as 97 cents in January. These prices were uniformly lower than those of the same month a year earlier and declines from a year earlier ranged from 8 cents in December to 14 cents in August. Prices paid for milk used in American cheese were lower in every month of the year than they were in the corresponding month in 1952. The prices per hundredweight ranged from $3.23 to $3.80. The average price for milk per pound of milkfat by months ranged from 87 cents in June, July, and August to as high as 97 cents in January. These prices for 1953 were all lower than those of a year earlier and the declines ranged from 7 cents in January to as high as 18 cents in September. Based on actual butterfat test, prices paid farmers for milk used by condenseries in 1953 ranged from $3.31 per hundredweight in June to as high as $4.09 per hundredweight in January. These prices by months were all sharply lower than those in the corresponding month a year earlier. The price for milk used in canning per pound milkfat ranged from 85 cents in July and August to as high as 98 cents in January. Comparing these prices with the corresponding month a year earlier declines were shown in all the months and ranged from 9 cents per pound of butterfat in January to as high as 20 cents in August and September.

Table 8.-Production of creamery butter, American cheese and ice cream 1952-1953

States	Creamery butter		American cheese		Ice cream	
	1952 Enumeration	1953 Estimate	1952 Enumeration	1953 Estimate	1952 Enumeration	1953 Estimate
	Thousand pounds				Thousand gallons	
Vermont	1,270	2,140	1/	1/	1/	1/
Massachusetts	1/	1/			22,026	21,565
New York	19,719	33,405	36,974	31,240	60,747	59,810
New Jersey	1/	1/	1/	1/	13,146	14,905
Pennsylvania	10,451	10,790	1/	1/	69,708	74,420
Other N. A. States	483	535	5,827	4,470	17,517	17,880
N. ATLANTIC STATES	31,923	46,870	42,801	35,710	183,144	188,580
Ohio	46,645	67,555	18,653	23,715	36,662	37,870
Indiana	29,056	40,950	25,072	30,700	19,244	21,320
Illinois	49,892	60,910	38,255	53,980	32,394	30,485
Michigan	48,483	55,180	28,720	31,680	28,356	31,280
Wisconsin	161,561	206,805	416,313	443,060	17,696	20,370
E. N. CENTRAL STATES	335,637	431,400	527,013	583,135	134,352	141,325
Minnesota	247,656	270,525	47,415	56,600	14,544	14,655
Iowa	173,785	185,020	10,716	14,775	11,056	11,360
Missouri	48,373	66,730	62,028	80,685	16,348	16,225
North Dakota	44,658	51,020				
South Dakota	30,254	33,015	2/	2/	4,591	4,270
Nebraska	71,269	78,320	2/	2/	5,694	6,110
Kansas	37,327	47,350	7,790	9,795	6,840	7,090
Other W. N. Central States			2,059	3,000		
W. N. CENTRAL STATES	653,322	731,980	130,008	164,855	59,073	59,710
District of Columbia					6,906	6,270
Delaware					3/	3/
Maryland	2,819	2,615	3/	3/	8,976	9,525
Virginia	7,159	8,330	3/	3/	10,519	10,860
West Virginia	340	890	3/	3/	5,521	5,495
North Carolina	1,264	2,090	3/	3/	13,507	13,620
South Carolina	3/	3/			3/	3/
Georgia	3/	3/	3/	3/	7,754	9,255
Florida					11,215	11,930
Other S. A. States	704	715			4,214	4,240
S. ATLANTIC STATES	12,286	14,640	2,008	3,640	68,612	71,195
Kentucky	15,660	17,660	26,089	33,195	4/	4/
Tennessee	9,486	13,085	33,003	42,090	11,899	12,765
Alabama	4/	4/	2,535	3,270	7,155	8,165
Mississippi	3,345	5,720	11,561	15,765	4/	4/
Arkansas	4,331	4,465	11,318	15,630	4/	4/
Louisiana	4/	4/	76	165	7,330	8,505
Oklahoma	25,045	29,460	4,642	6,320	6,280	6,850
Texas	6,137	8,145	3,811	5,080	22,155	19,000
Other S. C. States	319	275			10,887	11,835
S. CENTRAL STATES	64,323	78,810	93,035	121,515	65,706	67,120
Montana	5,962	6,605	2,811	3,895	5/	5/
Idaho	18,329	24,860	18,053	21,365	5/	5/
Wyoming	2,061	2,595	5/	5/	5/	5/
Colorado	13,405	17,415	5/	5/	5,846	5,385
New Mexico	5/	5/			5/	5/
Arizona	5/	5/			5/	5/
Utah	4,465	6,200	5,478	7,345	5/	5/
Nevada	5/	5/			5/	5/
Other Mt. States	1,456	1,820	419	770	13,357	12,730
MOUNTAIN STATES	45,678	59,495	26,761	33,375	19,203	18,115
Washington	15,223	16,790	2,929	3,595	9,603	9,195
Oregon	13,103	16,755	21,669	23,925	6,513	5,850
California	16,675	28,200	3,594	4,490	45,370	45,460
PACIFIC STATES	45,001	61,745	28,192	32,010	61,486	60,505
UNITED STATES	1,188,170	1,424,940	849,818	974,240	591,576	606,550

1/ Other North Atlantic States under creamery butter include Maine, Massachusetts, New Hampshire, and New Jersey; under American cheese include Maine, Vermont, and Pennsylvania; under ice cream include Maine, New Hampshire, Vermont, Rhode Island, and Connecticut.
2/ Included under Other West North Central States. 3/ Included under Other South Atlantic States.
4/ Included under Other South Central States. 5/ Included under Other Mountain States.

Table 9.-Production of Creamery butter (including whey butter), United States, 1947-51 average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	91,537	85,563	78,712	106,000	+ 16	+ 35
February	88,985	80,914	78,767	102,960	+ 16	+ 31
March	105,560	92,239	91,487	122,585	+ 16	+ 34
April	114,621	101,830	102,526	133,995	+ 17	+ 31
May	146,623	132,619	134,962	156,550	+ 7	+ 16
June	150,537	141,240	127,981	157,010	+ 4	+ 23
July	136,982	130,452	117,731	138,085	+ 1	+ 17
August	121,179	119,020	105,738	119,645	- 1	+ 13
September	101,001	93,638	92,125	96,730	- 4	+ 5
October	92,608	86,633	87,665	92,375	0	+ 5
November	77,255	68,436	75,884	90,765	+ 17	+ 20
December	81,294	70,397	94,592	108,240	+ 33	+ 14
Total	1,308,182	1,202,981	1,188,170	1,424,940	+ 9	+ 20

1/ Enumerations.
2/ Estimates.

Table 10.-Production of ice cream, United States, 1947-51 average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousands gallons				Percent	
January	32,516	33,269	36,760	37,045	+ 14	+ 1
February	33,043	32,434	38,197	38,040	+ 15	0
March	42,022	41,740	40,711	45,705	+ 9	+ 12
April	47,221	44,416	48,922	48,070	+ 2	- 2
May	58,150	58,750	56,595	56,530	- 3	0
June	65,722	62,569	65,993	67,750	+ 3	+ 3
July	70,511	68,710	73,813	73,130	+ 4	- 1
August	68,774	67,342	62,705	62,690	- 9	0
September	52,608	49,668	53,123	56,730	+ 8	+ 7
October	42,249	44,402	43,596	46,240	+ 9	+ 6
November	34,132	34,064	35,332	37,365	+ 9	+ 6
December	30,685	31,485	35,829	37,255	+ 21	+ 4
Total	577,633	568,849	591,576	606,550	+ 5	+ 3

1/ Enumerations.
2/ Estimates.

Table 11.--Production of total cheese, United States, 1947-51 average, 1951, 1952, and 1953*

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	73,122	72,804	69,151	87,025	+19	+26
February	74,023	72,198	69,990	84,975	+15	+21
March	93,366	92,213	85,034	105,285	+13	+24
April	106,434	101,374	100,362	118,535	+11	+18
May	137,145	134,011	136,171	149,075	+ 9	+ 9
June	141,447	142,667	137,848	151,415	+ 7	+10
July	124,017	125,319	117,733	128,460	+ 4	+ 9
August	108,789	111,510	110,116	114,330	+ 5	+ 4
September	91,488	94,046	96,953	97,500	+ 7	+ 1
October	81,947	83,635	87,798	87,775	+ 7	0
November	66,671	65,034	76,630	82,390	+24	+ 8
December	68,257	66,493	82,602	91,175	+34	+10
Total	1,166,706	1,161,304	1,170,388	1,297,940	+11	+11

* Excludes cottage and full skim American. 1/ Enumerations. 2/ Estimates.

Table 12.--Production of American cheese, United States, 1947-51 average, 1951, 1952, and 1953*

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	52,370	49,700	46,161	58,375	+11	+26
February	53,884	50,182	46,312	59,935	+11	+29
March	68,435	65,443	57,666	78,875	+15	+37
April	82,019	76,852	72,512	92,625	+13	+28
May	110,478	106,415	105,374	118,645	+ 7	+13
June	115,765	115,466	108,168	121,645	+ 5	+12
July	101,808	102,034	91,079	102,000	0	+12
August	87,620	88,859	83,150	88,730	+ 1	+ 7
September	71,054	71,698	71,580	72,450	+ 2	+ 1
October	60,748	59,761	61,869	61,505	+ 1	- 1
November	46,559	43,362	51,781	56,230	+21	+ 9
December	46,968	43,686	54,166	63,225	+35	+17
Total	897,708	873,458	849,818	974,240	+ 9	+15

* Whole milk cheese including Cheddar, Colby, Washed Curd, Jack, Monterey, and Granular cheese.
1/ Enumerations.
2/ Estimates.

Table 13.--Production of Swiss cheese, United States, 1947-51 average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	4,494	5,773	5,415	8,700	+94	+ 61
February	4,638	5,720	5,748	6,370	+37	+ 11
March	6,574	7,601	7,404	5,280	-20	- 29
April	7,555	8,313	8,487	6,280	-17	- 26
May	9,718	9,980	12,194	10,750	+11	- 12
June	10,006	10,518	12,197	11,240	+12	- 8
July	8,966	9,572	11,494	10,700	+19	- 7
August	7,968	8,841	11,157	10,730	+35	- 4
September	6,986	7,790	9,466	9,910	+42	+ 5
October	6,357	7,231	8,461	8,940	+41	+ 6
November	4,962	5,400	7,546	8,250	+66	+ 9
December	4,745	5,310	8,463	8,340	+76	- 1
Total	82,969	92,049	108,032	105,490	+27	- 2

1/ Enumerations.
2/ Estimates.

Table 14.-Production of Brick and Munster cheese, United States, 1947-51 average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	2,650	3,068	2,571	3,070	+ 16	+ 19
February	2,465	2,530	2,776	2,760	+ 12	- 1
March	2,732	2,649	2,954	2,960	+ 8	0
April	2,530	2,221	3,077	3,060	+ 21	- 1
May	2,732	2,862	3,092	3,380	+ 24	+ 9
June	2,669	3,180	3,109	3,160	+ 18	+ 2
July	2,119	2,526	2,681	2,730	+ 29	+ 2
August	1,922	2,161	2,547	2,620	+ 36	+ 3
September	1,869	2,324	2,273	2,590	+ 39	+ 14
October	2,237	2,694	2,865	3,230	+ 44	+ 13
November	2,445	2,848	2,859	3,490	+ 43	+ 22
December	2,718	2,817	3,017	3,110	+ 14	+ 3
Total	29,088	31,880	33,821	36,160	+ 24	+ 7

1/ Enumerations.
2/ Estimates.

Table 15.-Production of Limburger cheese, United States, 1947-51 average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	549	433	559	430	- 22	- 23
February	563	443	424	390	- 31	- 8
March	715	579	521	490	- 31	- 6
April	635	535	492	560	- 12	+ 14
May	701	660	619	640	- 9	+ 3
June	644	587	515	680	+ 6	+ 32
July	541	627	473	610	+ 13	+ 29
August	499	640	557	620	+ 24	+ 11
September	506	557	529	570	+ 13	+ 8
October	592	572	557	580	- 2	+ 4
November	505	445	458	520	+ 3	+ 14
December	517	461	387	550	+ 6	+ 42
Total	6,967	6,539	6,091	6,640	- 5	+ 9

1/ Enumerations.
2/ Estimates.

Table 16.-Production of Cream cheese, United States, 1947-51 average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	5,487	6,029	6,943	7,420	+ 35	+ 7
February	5,006	5,647	6,457	6,440	+ 29	0
March	5,517	6,021	6,667	6,990	+ 27	+ 5
April	4,969	5,405	6,007	6,190	+ 25	+ 3
May	5,194	5,975	5,613	5,910	+ 14	+ 5
June	5,179	5,907	5,611	5,850	+ 13	+ 4
July	4,427	4,654	4,519	4,760	+ 8	+ 5
August	4,565	5,012	4,671	4,990	+ 9	+ 7
September	4,556	5,364	5,393	5,870	+ 29	+ 9
October	5,186	6,653	6,194	6,300	+ 21	+ 2
November	5,251	6,081	6,170	6,470	+ 23	+ 5
December	5,454	6,529	7,096	7,080	+ 30	0
Total	60,791	69,277	71,341	74,270	+ 22	+ 4

1/ Enumerations.
2/ Estimates.

Table 17.-Production of Neufchatel cheese, United States, 1947-51 average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	375	354	601	780	+108	+ 30
February	304	327	500	650	+114	+ 30
March	392	390	579	730	+ 86	+ 26
April	323	353	491	620	+ 92	+ 26
May	349	426	464	560	+ 60	+ 21
June	371	469	562	510	+ 37	- 9
July	296	318	431	460	+ 55	+ 7
August	306	304	463	570	+ 86	+ 23
September	324	321	406	440	+ 36	+ 8
October	334	340	412	390	+ 17	- 5
November	321	331	448	370	+ 15	- 17
December	341	353	453	370	+ 9	- 18
Total	4,036	4,286	5,810	6,450	+ 60	+ 11

1/ Enumerations.
2/ Estimates.

Table 18.--Production of Italian cheese, United States 1947-51 average, 1951, 1952 and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	4,186	4,855	4,562	5,320	+ 27	+ 17
February	4,233	4,994	4,980	5,470	+ 29	+ 10
March	5,805	6,953	6,012	6,710	+ 16	+ 12
April	5,264	5,590	6,352	6,100	+ 16	- 4
May	4,693	5,485	5,545	5,980	+ 27	+ 8
June	3,900	4,453	4,766	5,660	+ 45	+ 19
July	3,400	3,683	4,349	5,050	+ 49	+ 16
August	3,488	3,650	4,746	4,290	+ 23	- 10
September	3,636	4,039	4,564	3,980	+ 9	- 13
October	3,791	4,212	4,629	4,420	+ 17	- 5
November	3,918	4,277	4,471	4,760	+ 21	+ 6
December	4,779	5,024	5,899	6,170	+ 29	+ 5
Total	51,093	57,215	60,875	63,890	+ 25	+ 5

1/ Enumerations.
2/ Estimates.

Table 19.--Production of Blue Mold cheese, United States, 1947-51 average, 1951, 1952 and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	784	640	554	930	+ 19	+ 68
February	753	600	712	860	+ 14	+ 21
March	803	540	926	1,000	+ 25	+ 8
April	825	350	890	900	+ 9	+ 1
May	894	409	1,140	810	- 9	- 29
June	785	365	1,021	670	- 15	- 34
July	576	330	956	650	+ 13	- 32
August	509	332	1,069	630	+ 24	- 41
September	505	367	917	560	+ 11	- 39
October	562	449	807	710	+ 26	- 12
November	574	521	859	800	+ 39	- 7
December	654	548	1,032	830	+ 27	- 20
Total	8,224	5,451	10,883	9,350	+ 14	- 14

1/ Enumerations.
2/ Estimates.

Table 20.-Production of all other varieties of cheese, United States, 1947-51 average, 1951, 1952, and 1953*

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	2,227	1,952	1,785	2,000	- 10	+ 12
February	2,181	1,755	2,081	2,100	- 4	+ 1
March	2,393	2,037	2,305	2,250	- 6	- 2
April	2,314	1,755	3,054	2,200	- 5	+ 7
May	2,387	1,799	2,130	2,400	+ 1	+ 13
June	2,127	1,722	1,899	2,000	- 6	+ 5
July	1,884	1,575	1,751	1,500	- 20	- 14
August	1,912	1,711	1,756	1,150	- 40	- 35
September	2,052	1,586	1,825	1,150	- 44	- 37
October	2,140	1,723	2,004	1,700	- 21	- 15
November	2,136	1,769	2,038	1,500	- 30	- 26
December	2,082	1,765	2,089	1,500	- 28	- 28
Total	25,835	21,149	23,717	21,450	- 17	- 10

* Includes Part-Skim American

1/ Enumerations.

2/ Estimates.

Table 21.-Production of sherbet, United States, 1947-51 average, 1951, 1952, 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	541	806	965	1,290	+138	+ 34
February	583	829	1,152	1,520	+161	+ 32
March	855	1,246	1,372	2,090	+144	+ 52
April	1,083	1,426	1,989	2,320	+114	+ 17
May	1,585	2,305	2,703	3,260	+106	+ 21
June	1,951	2,673	3,705	4,680	+140	+ 26
July	2,167	3,085	4,254	4,900	+126	+ 15
August	2,076	2,952	3,190	3,720	+ 79	+ 17
September	1,469	1,893	2,359	3,000	+104	+ 27
October	1,059	1,500	1,654	2,090	+ 97	+ 26
November	776	968	1,185	1,450	+ 87	+ 22
December	608	786	1,112	1,310	+115	+ 18
Total	14,753	20,469	25,640	31,630	+114	+ 23

1/ Enumerations.

2/ Estimates.

Table 22.--Average butterfat content in ice cream, United States, monthly, 1943-1953

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unweighted Average
						Percent							
1943*	---	---	---	---	10.8	---	---	10.6	---	---	10.6	---	---
1944*	---	---	---	---	10.6	---	---	10.6	---	---	---	---	---
1945*	---	---	---	---	---	10.6	10.3	---	---	---	---	---	---
1946	11.8	11.9	11.8	11.7	11.6	11.6	11.6	11.7	11.8	11.6	11.7	11.8	11.72
1947	11.8	11.8	11.9	12.0	12.0	12.0	11.9	11.9	11.9	11.9	12.0	12.0	11.92
1948	11.9	11.9	11.8	11.7	11.6	11.5	11.4	11.4	11.4	11.5	11.7	11.7	11.62
1949	11.8	11.6	11.6	11.6	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.62
1950	11.8	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.8	11.9	11.69
1951	11.8	11.7	11.7	11.7	11.6	11.5	11.5	11.5	11.5	11.7	11.7	11.8	11.64
1952	11.8	11.6	11.6	11.6	11.5	11.6	11.5	11.6	11.6	11.6	11.6	11.8	11.62
1953	11.7	11.7	11.6	11.6	11.7	11.5	11.5	11.5	11.6	11.6	11.6	11.7	11.61

* Data for 1943, 1944, and 1945 obtained through special surveys.

Table 23.--Weekly receipts of American cheese (Thousand pounds) 1/

Week ending 2/	At Wisconsin Warehouses		At United States Warehouses		Week ending 2/	At Wisconsin Warehouses		At United States Warehouses	
	1952	1953	1952	1953		1952	1953	1952	1953
Jan. 10	4,607	5,521	6,104	7,865	July 4	10,075	10,726	14,532	14,735
17	4,716	5,914	7,126	8,466	11	9,302	10,130	13,602	14,112
24	5,055	5,865	6,913	7,980	18	9,326	9,983	13,459	14,222
31	4,794	6,149	6,937	8,331	25	8,611	9,335	12,622	13,750
Feb. 7	4,738	6,043	6,575	8,205	Aug. 1	8,398	9,025	12,367	13,085
14	5,197	6,081	6,907	8,474	8	7,986	8,621	11,563	12,456
21	5,237	6,127	7,288	8,499	15	7,859	8,422	11,247	12,367
28	5,349	6,514	7,412	9,341	22	7,672	8,351	11,030	11,835
					29	7,686	8,664	10,906	12,127
Mar. 7	5,273	6,782	7,305	9,444	Sept. 5	7,325	8,277	10,968	11,727
14	5,329	6,962	6,978	10,044	12	7,029	7,853	10,825	10,865
21	5,452	7,275	7,296	10,092	19	7,130	7,295	10,734	10,585
28	5,761	7,694	7,503	11,037	26	6,996	7,384	10,228	10,396
Apr. 4	6,038	8,200	8,138	11,560	Oct. 3	6,415	7,248	9,812	10,330
11	6,297	8,044	8,495	11,563	10	6,055	6,749	9,348	9,888
18	6,572	8,250	9,084	11,733	17	5,972	6,269	8,799	8,929
25	6,512	8,697	9,119	12,814	24	5,896	6,404	8,663	8,821
					31	5,574	6,307	8,103	8,696
May 2	6,895	8,651	9,698	12,750	Nov. 7	5,591	5,967	7,887	8,090
9	6,924	9,019	10,297	13,464	14	5,328	5,827	7,411	7,933
16	7,205	8,981	10,751	13,522	21	5,317	5,825	7,451	7,955
23	7,654	9,682	11,732	14,607	28	5,092	5,750	7,258	7,834
30	8,449	9,852	12,805	15,161					
June 6	9,467	11,036	13,946	16,135	Dec. 5	4,822	6,096	6,989	8,260
13	10,136	11,417	14,890	16,401	12	5,141	6,185	7,239	8,200
20	10,049	11,422	14,523	15,791	19	5,197	6,456	7,548	8,477
27	10,512	11,109	15,257	15,339	26	5,236	6,484	7,209	8,344
					Jan. 2	4,928	6,744	6,751	9,071
					Total	346,181	403,465	497,630	571,708

1/ These data do not include receipts at all warehouses. Proportion of total production represented by receipts in Wisconsin is much higher than in the remainder of the country.

2/ Dates shown are for 1953. The comparable weeks of 1952 ended five days earlier in January and February, thence six days earlier on account of the extra day in February 1952 due to Leap Year.

Table 24.-Manufacturing Milk Prices and Butterfat Test by Months, United States, 1948-1953 1/

Month	1948		1949		1950		1951		1952		1953	
	Av.pr. per 100 lbs.	Fat test	Av.pr. per 100 lbs.	Fat test	Av.pr. per 100 lbs.	Fat test	Av.pr. per 100 lbs.	Fat test	Av.pr. per 100 lbs.	Fat test	Av.pr. per 100 lbs.	Fat test
	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.
Jan.	4.59	4.00	3.43	3.99	3.21	4.01	3.95	3.99	4.24	4.01	3.89	4.00
Feb.	4.39	3.91	3.19	3.89	3.17	3.90	3.93	3.91	4.18	3.89	3.71	3.90
Mar.	4.11	3.81	3.02	3.81	3.08	3.85	3.84	3.83	4.04	3.83	3.56	3.83
Apr.	4.12	3.75	2.90	3.77	2.99	3.81	3.71	3.79	3.89	3.77	3.42	3.80
May	4.24	3.79	2.90	3.78	2.96	3.81	3.72	3.79	3.84	3.78	3.35	3.80
June	4.30	3.77	2.88	3.78	2.94	3.79	3.70	3.78	3.79	3.75	3.28	3.76
July	4.50	3.83	2.92	3.83	2.98	3.85	3.69	3.83	3.88	3.81	3.33	3.81
Aug.	4.51	3.93	3.08	3.92	3.11	3.94	3.77	3.93	4.07	3.90	3.39	3.89
Sept.	4.41	4.07	3.25	4.11	3.31	4.09	3.90	4.08	4.31	4.07	3.53	4.02
Oct.	4.08	4.27	3.38	4.23	3.47	4.20	4.11	4.25	4.47	4.24	3.69	4.15
Nov.	3.85	4.24	3.41	4.24	3.57	4.21	4.28	4.29	4.40	4.23	3.74	4.16
Dec.	3.78	4.11	3.34	4.14	2/3.79	2/4.15	4.32	4.16	2/4.13	4.14	3/3.67	3/4.09
Av.	4.24	3.96	3.14	3.96	2/3.22	3.97	3.91	3.97	4.10	3.95	3/3.55	3/3.93

1/ Represents a weighted average of the prices of milk for butter-powder, American cheese, and evaporated milk. Individual series are shown in Table 25.
2/ Revised.
3/ Preliminary.

Table 25.-Average Prices Reported Paid by Manufacturing Plants for Milk Used in Various Manufactured Dairy Products, 1951, 1952, and 1953

Month	BUTTER AND BY-PRODUCTS 1/					Month	EVAPORATED MILK 2/				
	Average price per 100 lbs.			1953 3/			Average price per 100 lbs.			1953 3/	
	1951	1952	1953 3/	Av. fat test	Av. pr. per lb. B.F.		1951	1952	1953 3/	Av. fat test	Av. pr. per lb. B.F.
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	3.76	4.17	3.79	3.90	.97	Jan.	4.08	4.45	4.09	4.18	.98
Feb.	3.74	4.16	3.68	3.82	.96	Feb.	4.09	4.42	3.87	4.05	.95
Mar.	3.67	3.91	3.56	3.75	.95	Mar.	4.05	4.31	3.68	3.98	.93
Apr.	3.62	3.77	3.45	3.73	.92	Apr.	3.96	4.13	3.49	3.92	.89
May	3.65	3.72	3.40	3.73	.91	May	3.88	4.04	3.37	3.91	.86
June	3.61	3.70	3.36	3.71	.91	June	3.85	3.96	3.31	3.87	.86
July	3.58	3.82	3.41	3.76	.91	July	3.87	4.03	3.34	3.92	.85
Aug.	3.64	3.99	3.45	3.82	.90	Aug.	3.91	4.21	3.41	3.99	.85
Sept.	3.80	4.16	3.58	3.93	.91	Sept.	4.08	4.45	3.57	4.15	.86
Oct.	4.01	4.23	3.73	4.05	.92	Oct.	4.26	4.64	3.73	4.30	.87
Nov.	4.13	4.14	3.70	4.03	.92	Nov.	4.47	4.63	3.80	4.32	.88
Dec.	4.23	3/4.00	4/3.66	4/3.99	4/.92	Dec.	4.51	4.37	4/3.76	4/4.28	4/.88

1/ Revised prices by states by months will be published by the Chicago Dairy Office in the January issue "Milk Prices Paid at Creameries and Cheese Factories" published February 26, 1954.
2/ Revised prices by states by months will be shown in the January issue of the "Evaporated, Condensed, and Dry Milk Report" published March 1, 1954.
3/ Revised.
4/ Preliminary.

Table 25 (Cont'd.)--Average Prices Reported Paid by Manufacturing Plants for Milk Used in Various Manufactured Dairy Products, 1951, 1952, and 1953

Cheese by Varieties

Month	Total Cheese: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av. fat test	1953 1/: Av. pr. per lb. B.F.	Month	American Cheese 3/: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av. fat test	1953 1/: Av. pr. per lb. B.F.
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	3.94	4.10	3.78	3.87	.98	Jan.	3.95	4.10	3.80	3.92	.97
Feb.	3.92	4.02	3.62	3.80	.95	Feb.	3.93	4.00	3.63	3.84	.95
Mar.	3.78	3.93	3.48	3.76	.93	Mar.	3.79	3.91	3.48	3.79	.92
Apr.	3.59	3.81	3.36	3.73	.90	Apr.	3.60	3.79	3.36	3.77	.89
May	3.62	3.77	3.30	3.72	.89	May	3.65	3.77	3.31	3.77	.88
June	3.61	3.71	3.23	3.68	.88	June	3.64	3.72	3.23	3.72	.87
July	3.69	3.79	3.27	3.72	.88	July	3.62	3.80	3.28	3.77	.87
Aug.	3.69	3.98	3.33	3.79	.88	Aug.	3.74	4.01	3.34	3.85	.87
Sept.	3.78	4.24	3.47	3.90	.89	Sept.	3.82	4.28	3.48	3.97	.88
Oct.	4.00	4.40	3.63	4.00	.91	Oct.	4.05	4.45	3.64	4.08	.89
Nov.	4.16	4.32	3.70	4.03	.92	Nov.	4.21	4.35	3.72	4.11	.91
Dec.	4.19 1/	4.05 2/	3.61	2/3.97	2/.91	Dec.	4.20 1/	4.03 2/	3.61	2/4.02	2/.90

Month	Swiss: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av. fat test	1953 1/: Av. pr. per lb. B.F.	Month	Brick and Munster: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av. fat test	1953 1/: Av. pr. per lb. B.F.
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	3.70	3.94	3.64	3.66	.99	Jan.	3.73	3.79	3.65	3.64	1.00
Feb.	3.72	3.92	3.46	3.57	.97	Feb.	3.74	3.76	3.41	3.50	.97
Mar.	3.58	3.89	3.24	3.48	.93	Mar.	3.60	3.77	3.26	3.48	.94
Apr.	3.36	3.76	3.15	3.42	.92	Apr.	3.32	3.72	3.26	3.54	.92
May	3.35	3.69	3.10	3.41	.91	May	3.41	3.71	3.20	3.50	.91
June	3.34	3.59	3.06	3.37	.91	June	3.42	3.57	3.13	3.42	.92
July	3.30	3.69	3.12	3.43	.91	July	3.31	3.63	3.13	3.45	.91
Aug.	3.36	3.79	3.19	3.47	.92	Aug.	3.36	3.81	3.20	3.52	.91
Sept.	3.45	3.97	3.28	3.56	.92	Sept.	3.48	4.04	3.34	3.66	.91
Oct.	3.64	4.09	3.43	3.62	.95	Oct.	3.60	4.06	3.55	3.84	.92
Nov.	3.82	4.10	3.51	3.70	.95	Nov.	3.72	4.12	3.53	3.81	.93
Dec.	4.00 1/	4.02 2/	3.45	2/3.69	2/.93	Dec.	3.82 1/	3.92 2/	3.47	2/3.79	2/.92

Month	Limburger: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av. fat test	1953 1/: Av. pr. per lb. B.F.	Month	Italian: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av. fat test	1953 1/: Av. pr. per lb. B.F.
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	3.79	3.82	3.67	3.61	1.02	Jan.	4.10	4.26	3.92	3.80	1.03
Feb.	3.77	3.74	3.41	3.46	.99	Feb.	4.09	4.17	3.83	3.77	1.02
Mar.	3.61	3.70	3.26	3.41	.96	Mar.	3.91	4.08	3.72	3.71	1.00
Apr.	3.33	3.52	3.13	3.40	.92	Apr.	3.77	3.91	3.56	3.63	.98
May	3.30	3.51	3.08	3.40	.91	May	3.77	3.85	3.55	3.65	.97
June	3.30	3.48	3.05	3.49	.87	June	3.76	3.84	3.53	3.67	.96
July	3.31	3.58	3.10	3.53	.88	July	3.69	3.89	3.55	3.71	.96
Aug.	3.43	3.76	3.18	3.63	.88	Aug.	3.78	4.05	3.68	3.79	.97
Sept.	3.52	3.98	3.34	3.76	.89	Sept.	3.85	4.28	3.83	3.88	.99
Oct.	3.69	4.14	3.47	3.80	.91	Oct.	4.06	4.42	3.95	3.95	1.00
Nov.	3.86	4.15	3.53	3.80	.93	Nov.	4.14	4.35	3.95	3.96	1.00
Dec.	3.93 1/	3.98 2/	3.42	2/3.78	2/.90	Dec.	4.31 1/	4.17 2/	3.87	2/3.94	2/.98

1/ Revised.
2/ Preliminary.
3/ Revised prices by states by months will be published by the Chicago Dairy Office in the January issue "Milk Prices Paid at Creameries and Cheese Factories" published February 26, 1954.

Table 25.-(Cont'd.) Average Prices Reported Paid by Manufacturing Plants for Milk Used in Various Manufactured Dairy Products, 1951, 1952 and 1953

Cheese by Varieties

Month	All Other: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av. fat test	Av. pr. per lb. B.F.	Month	Total Miscellaneous Types: Average price per 100 lbs. 1951	1952	1953 1/	1953 1/: Av.fat test	Av.pr. lb.B.F.
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	4.17	4.36	3.87	3.99	.97	Jan.	3.90	4.10	3.75	3.77	.99
Feb.	4.11	4.30	3.69	3.89	.95	Feb.	3.89	4.05	3.60	3.69	.98
Mar.	3.97	4.21	3.58	3.84	.93	Mar.	3.74	3.99	3.48	3.65	.95
Apr.	3.89	4.08	3.48	3.79	.92	Apr.	3.55	3.85	3.35	3.58	.94
May	3.89	3.98	3.42	3.81	.90	May	3.53	3.77	3.26	3.54	.92
June	3.91	3.90	3.36	3.82	.88	June	3.52	3.68	3.21	3.51	.91
July	3.87	4.00	3.39	3.82	.89	July	3.46	3.76	3.24	3.55	.91
Aug.	3.96	4.16	3.44	3.90	.88	Aug.	3.53	3.89	3.31	3.60	.92
Sept.	4.01	4.39	3.58	4.03	.89	Sept.	3.64	4.12	3.43	3.71	.92
Oct.	4.26	4.53	3.68	4.08	.90	Oct.	3.87	4.27	3.59	3.80	.94
Nov.	4.41	4.47	3.77	4.13	.91	Nov.	4.04	4.24	3.65	3.86	.95
Dec.	4.47	1/4.18	2/3.67	2/4.06	2/.90	Dec.	4.18	1/4.08	2/3.60	2/3.84	2/.94

1/ Revised.
2/ Preliminary.

Table 26.-Manufacturers' Selling Prices of Evaporated Whole Milk per Case of 48 14½-oz. cans in Carlots, United States, 1931-53

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Dollars per case												
1931 1/	3.38	3.24	3.18	3.16	3.03	3.00	2.85	2.75	2.79	2.85	2.85	2.85	2.99
1932	2.81	2.79	2.55	2.58	2.34	2.30	2.09	2.12	2.16	2.16	2.17	2.42	2.37
1933	2.44	2.38	2.08	2.21	2.47	2.51	2.53	2.54	2.55	2.57	2.56	2.55	2.45
1934	2.56	2.57	2.54	2.56	2.54	2.54	2.53	2.53	2.54	2.53	2.53	2.53	2.54
1935	2.67	2.83	2.82	2.83	2.83	2.80	2.62	2.58	2.59	2.59	2.73	2.91	2.73
1936	2.93	2.93	2.91	2.96	2.96	2.95	3.17	3.20	3.19	3.20	3.15	3.12	3.06
1937	3.11	2.99	2.96	2.98	2.97	2.97	3.01	3.06	3.06	3.07	3.07	3.07	3.03
1938	3.06	3.06	2.99	2.85	2.82	2.80	2.77	2.71	2.70	2.68	2.68	2.60	2.82
1939	2.70	2.69	2.68	2.67	2.68	2.67	2.68	2.68	2.79	2.89	2.93	2.94	2.75
1940	2.93	2.91	2.90	2.82	2.77	2.82	2.85	2.86	2.86	2.85	2.91	2.98	2.87
1941	2.96	2.95	2.95	3.04	3.18	3.29	3.42	3.56	3.65	3.67	3.67	3.67	3.33
1942	3.67	3.64	3.62	3.55	3.52	3.49	3.49	3.50	3.66	3.75	3.73	3.85	3.62
1943	4.15	4.14	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
1944	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
1945	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.14	4.14	4.14	4.15
1946	4.15	4.15	4.15	4.14	4.21	4.54	5.09	5.32	5.46	5.79	5.88	5.88	4.90
1947	5.86	5.72	5.64	5.42	5.23	5.18	5.19	5.20	5.24	5.31	5.52	5.70	5.43
1948	5.83	5.99	6.00	6.08	6.41	6.48	6.61	6.71	6.56	6.26	5.94	5.95	6.24
1949	5.81	5.66	5.45	5.18	5.05	5.09	5.12	5.11	5.08	5.08	5.09	5.09	5.23
1950	5.10	5.10	5.10	5.10	5.10	5.09	5.10	5.29	5.37	5.37	5.39	5.63	5.23
1951	6.06	6.15	6.16	6.16	6.16	6.14	6.12	6.09	6.06	6.05	6.08	6.19	6.12
1952	6.25	6.34	6.38	6.39	6.32	6.30	6.33	6.38	6.39	6.40	6.39	6.33	6.35
1953	6.27	6.21	6.12	5.96	5.92	5.79	5.76	5.81	5.79	5.80	5.85	5.82	5.92

1/ Previous to February 1931, 16-oz. cans.

Table 27.-Manufacturers' Average Carlot Selling Prices of Evaporated Whole Milk in Cases of 48 14½-oz. cans, by Geographic Divisions, 1953 1/

Div.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Dollars per case												
N. E.	6.27	6.20	6.10	5.94	5.88	5.75	5.73	5.79	5.77	5.79	5.83	5.81	5.90
M. A.	6.24	6.17	6.08	5.91	5.87	5.73	5.71	5.76	5.75	5.75	*5.81	5.78	5.88
S. A.	6.28	6.21	6.13	5.96	5.93	5.78	5.74	5.79	5.79	5.80	5.84	5.84	5.92
E.N.C.	6.16	6.10	6.01	5.84	5.78	5.67	5.66	5.72	5.70	5.71	5.80	5.72	5.82
W.N.C.	6.25	6.20	6.11	5.94	5.90	5.78	5.74	5.79	5.78	5.78	5.82	5.83	5.91
S. C.	6.32	6.26	6.20	6.02	5.99	5.84	5.81	5.86	5.84	5.85	5.89	5.88	5.98
N. W.	6.39	6.34	6.26	6.14	6.10	6.00	5.97	6.00	5.93	5.94	5.95	5.95	6.08
S. W.	6.41	6.37	6.27	6.15	6.14	6.01	5.96	5.99	5.94	5.94	5.96	5.93	6.09
U. S.	6.27	6.21	6.12	5.96	5.92	5.79	5.76	5.81	5.79	5.80	5.85	5.82	5.92

1/ Manufacturers' prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distribuing points on the basis of cash or short-time credit.
* Revised.

Table 28.-Milk purchased by condenseries, number of producers from which purchased, and average daily purchases per producer, United States, 1931-53 1/

Year	Milk purchased by condenseries												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 Pounds												
1931	248,004	246,576	286,094	321,665	384,819	376,037	316,740	264,867	223,704	237,165	214,323	223,287	3,343,281
1932	238,636	243,553	271,737	301,446	369,353	372,116	323,164	280,157	240,692	229,220	207,473	224,345	3,301,892
1933	246,580	236,024	279,284	316,599	372,272	391,946	348,803	316,569	270,371	257,154	205,430	238,346	3,479,378
1934	266,698	257,662	300,943	338,768	416,845	369,657	402,063	362,213	305,648	291,616	227,150	220,694	3,759,957
1935	227,232	237,559	279,118	325,298	412,037	442,369	395,870	354,041	292,499	255,827	209,388	211,956	3,644,194
1936	241,616	232,888	282,564	324,917	425,075	443,872	384,335	344,819	327,339	332,487	274,354	275,782	3,890,048
1937	278,849	272,659	314,483	356,211	455,418	463,556	415,638	355,929	309,335	280,557	238,137	257,162	3,998,034
1938	279,154	277,220	333,603	392,853	506,066	498,330	458,477	408,430	346,401	317,793	261,183	267,318	4,346,828
1939	283,861	272,144	331,892	367,411	474,104	478,381	433,237	393,320	331,944	293,332	262,742	279,133	4,201,501
1940	295,586	304,676	368,874	396,315	494,343	520,791	472,128	427,009	372,119	343,550	292,280	311,697	4,599,368
1941	334,163	323,702	386,591	445,981	581,520	574,954	543,133	521,083	462,482	429,365	395,107	423,401	5,422,482
1942	447,101	445,407	532,082	593,305	729,127	686,789	628,509	568,871	474,572	425,348	359,519	363,294	6,253,924
1943	396,675	391,931	476,549	530,947	663,457	687,622	632,114	557,965	475,120	411,305	358,002	375,032	5,956,719
1944	406,364	417,153	503,736	576,207	735,851	737,909	675,940	602,052	530,406	481,504	422,996	434,587	6,524,705
1945	468,471	464,906	582,237	684,775	826,235	832,325	790,681	690,987	570,394	489,168	409,168	398,774	7,208,121
1946	416,525	408,541	510,539	604,255	731,706	726,405	661,960	583,018	485,594	420,338	361,599	376,953	6,287,433
1947	405,144	400,739	504,471	574,591	696,264	752,515	696,030	593,252	518,448	456,978	363,811	364,298	6,326,541
1948	384,051	395,152	488,322	578,137	753,263	747,230	683,663	636,662	526,127	478,963	404,697	408,010	6,484,277
1949	420,877	426,564	517,847	600,137	764,783	738,942	679,022	631,829	532,070	449,157	390,798	397,489	6,549,515
1950	410,721	419,054	501,995	565,208	703,861	727,623	677,570	612,253	512,037	455,360	376,171	374,027	6,335,880
1951	385,171	378,799	483,523	539,280	716,779	713,798	671,935	612,727	503,112	440,682	349,224	360,164	6,155,194
1952	375,686	389,804	460,352	542,589	701,798	701,237	653,832	614,390	532,769	463,651	399,302	414,187	6,249,597
1953	448,468	435,786	536,672	612,143	740,759	741,614	693,516	640,329	526,216	469,995	425,363	*439,671	*6,710,532

1/ Milk purchases at plants (or their receiving stations) which have canning equipment, and which report on the monthly Evaporated Milk Form. In some periods a part or all of the milk received at such plants may be used for purposes other than the manufacture of canned milk.

* Preliminary.

Table 28(Cont'd.) -Milk purchased by condenseries, number of producers from which purchased and average daily purchases per producer, United States, 1931-53 1/

Number of producers

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						Thousands							
1931	80	79	80	81	83	83	80	78	76	75	74	73	79
1932	73	74	75	76	81	83	83	81	79	77	76	75	78
1933	74	74	76	79	83	85	84	85	88	88	85	83	82
1934	82	81	83	88	93	82	95	94	93	93	86	86	88
1935	81	81	84	92	99	102	101	99	95	93	90	86	92
1936	87	86	89	93	102	104	103	106	108	109	109	107	100
1937	104	102	104	106	114	117	117	114	114	114	112	111	111
1938	111	110	112	119	126	128	127	125	122	119	109	109	118
1939	106	105	103	108	114	116	116	117	116	113	112	110	111
1940	107	107	109	113	118	124	126	127	127	126	121	119	119
1941	116	118	115	121	129	137	140	143	148	153	154	153	136
1942	154	153	156	161	164	165	160	157	153	148	144	139	154
1943	141	136	136	141	148	152	153	152	150	148	144	141	145
1944	141	137	140	146	154	159	160	159	160	158	155	149	152
1945	149	145	146	151	156	159	160	158	156	153	147	145	152
1946	141	139	140	144	149	150	150	148	147	145	142	138	144
1947	133	131	135	139	151	158	160	158	156	151	147	141	147
1948	136	134	135	142	154	160	162	162	163	166	167	161	154
1949	152	148	143	151	161	167	166	165	162	159	154	148	156
1950	141	143	141	142	152	159	161	160	159	155	150	141	150
1951	135	138	133	138	149	154	156	157	154	152	146	141	146
1952	135	130	130	136	146	153	156	156	154	153	151	147	146
1953	143	141	141	146	152	157	157	156	155	151	147	•142	•149

Average daily purchases per producer

						Pounds							
1931	100.4	111.2	119.3	133.0	150.0	151.5	127.0	109.2	98.3	101.9	96.5	98.5	116.3
1932	104.7	113.4	117.1	128.6	147.4	147.8	126.0	111.6	101.9	95.5	91.2	96.8	115.2
1933	107.6	113.4	118.6	134.2	144.4	154.3	134.2	120.2	102.8	94.3	80.7	92.6	116.4
1934	105.4	114.2	116.8	128.7	144.4	150.9	136.0	124.3	109.4	101.3	85.0	85.6	117.1
1935	90.4	104.8	106.9	118.2	134.0	144.3	125.8	115.3	102.6	88.3	77.7	79.6	107.3
1936	90.1	97.0	102.4	116.7	133.8	142.7	120.1	105.2	101.2	98.5	83.8	83.2	106.2
1937	86.9	95.5	97.6	111.5	128.7	132.1	115.0	100.7	90.4	79.4	70.9	74.7	98.6
1938	81.1	90.0	96.1	110.0	129.6	129.8	116.5	108.9	94.6	86.1	79.9	79.1	100.1
1939	86.4	92.6	103.9	113.4	134.2	137.5	120.5	108.4	95.4	83.7	78.2	81.8	103.0
1940	89.1	98.2	109.2	116.9	135.1	140.0	120.9	108.5	97.7	88.0	80.5	84.5	105.7
1941	92.9	98.0	108.4	123.1	145.4	139.9	125.1	117.5	104.3	90.5	85.5	89.3	110.0
1942	93.6	104.0	110.0	122.8	143.4	138.9	126.7	116.9	103.4	92.7	83.2	84.3	110.0
1943	90.8	102.9	113.0	125.5	144.6	150.8	133.3	118.4	105.6	89.6	82.9	85.8	111.9
1944	93.0	105.0	116.1	131.6	154.1	154.7	136.3	122.1	110.5	98.3	91.0	94.1	117.2
1945	101.4	114.5	128.6	151.2	170.9	174.5	159.4	141.1	121.9	103.1	92.8	88.7	129.0
1946	95.3	105.0	117.6	139.9	158.4	161.4	142.4	127.1	110.1	93.5	84.9	88.1	118.6
1947	98.3	109.3	120.5	137.8	148.7	158.8	140.3	121.1	110.8	97.6	82.5	83.4	117.4
1948	91.1	101.7	116.7	135.7	157.8	155.7	136.1	126.8	107.6	93.1	80.8	81.7	115.4
1949	89.3	102.9	116.8	132.5	153.2	147.5	132.0	123.5	109.5	91.1	84.6	86.6	114.1
1950	94.0	104.7	114.8	132.7	149.4	152.5	135.8	123.4	107.3	94.8	83.6	85.6	114.9
1951	92.0	98.0	117.3	130.3	155.2	154.5	138.9	125.9	108.9	93.5	79.7	82.4	114.7
1952	89.8	103.4	114.2	133.0	155.1	152.8	135.2	127.0	115.3	97.8	88.1	90.9	117.0
1953	101.2	110.4	122.8	139.8	157.2	157.5	142.5	132.4	113.2	100.4	96.5	•99.9	•122.8

1/ Milk purchases at plants (or their receiving stations) which have canning equipment, and which report on the monthly Evaporated Milk Form. In some periods a part or all of the milk received at such plants may be used for purposes other than the manufacture of canned milk.

• Preliminary.

Table 29.--Production of Evaporated and Sweetened Condensed Whole Milk (Case Goods), United States, 1947-51 Average, 1951, 1952 and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 Av.	Change in 1953 from 1952
	Thousand pounds				Percent	
Evaporated Milk						
January	177,052	180,763	156,020	169,800	- 4	+ 9
February	187,944	189,706	162,039	158,400	-16	- 2
March	250,847	257,523	204,647	202,200	-19	- 1
April	294,273	288,752	261,590	243,500	-17	- 7
May	392,095	390,438	370,313	323,000	-18	-13
June	386,075	372,893	349,502	327,900	-15	- 6
July	331,920	314,743	271,352	262,400	-21	- 3
August	287,019	264,797	276,933	228,500	-20	-17
September	228,277	195,594	242,235	170,000	-26	-30
October	192,990	168,810	206,121	162,200	-16	-21
November	146,220	131,271	166,123	152,500	+ 4	- 8
December	150,400	141,096	172,807	155,700	+ 4	-10
Total	3,025,112	2,896,386	2,839,682	2,556,100	-16	-10
Sweetened Condensed Milk						
	Thousand pounds				Percent	
January	7,364	4,962	6,392	5,025	-32	-21
February	7,576	4,401	5,968	4,250	-44	-29
March	8,715	4,102	7,318	4,275	-51	-42
April	9,634	4,198	4,447	4,425	-54	0
May	9,465	5,690	4,146	5,285	-44	+27
June	9,126	6,195	4,523	3,775	-59	-17
July	8,955	4,841	3,482	2,710	-70	-22
August	9,930	4,347	3,614	2,390	-76	-34
September	9,429	4,180	3,218	2,300	-76	-29
October	8,474	5,206	3,491	3,000	-65	-14
November	6,684	4,620	3,279	3,175	-52	- 3
December	7,215	6,191	4,560	1,800	-75	-61
Total	102,567	58,933	54,438	42,410	-59	-22

1/ Enumerations.
2/ Revised estimates.

Table 30.--Manufacturers' Stocks of Evaporated and Sweetened Condensed Whole Milk (Case Goods) at End of Month, United States, 1944-1953

Month	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953 1/
	Thousand pounds									
Evaporated Milk										
January	168,186	131,745	54,098	130,736	95,433	297,591	151,401	88,951	140,625	313,794
February	147,285	122,546	46,261	117,497	73,267	206,464	101,470	82,423	74,266	262,904
March	150,333	107,702	58,946	118,926	63,117	177,077	86,216	92,255	76,443	237,039
April	180,640	154,383	80,689	148,830	79,563	189,735	117,081	149,041	112,232	262,601
May	240,577	206,309	150,579	278,814	178,654	298,661	222,300	283,708	264,340	365,232
June	307,456	209,952	220,331	439,005	337,507	379,000	343,988	426,747	392,212	475,333
July	321,083	204,368	229,279	501,177	444,015	454,210	340,962	524,514	417,109	511,663
August	292,135	193,154	211,680	474,240	513,665	477,812	349,397	543,438	480,266	524,007
September	272,271	172,565	202,775	379,712	621,948	484,246	388,620	501,412	508,805	481,196
October	254,722	131,226	171,026	284,061	622,624	426,836	383,161	448,008	493,073	410,255
November	190,465	89,845	148,210	223,940	542,810	333,264	316,666	357,311	447,175	339,808
December	143,294	71,762	129,464	158,551	424,619	243,491	159,559	225,988	382,453	262,913
Sweetened Condensed Milk										
	Thousand pounds									
January	6,248	7,328	4,991	4,923	8,682	8,002	5,249	7,607	6,585	8,662
February	6,134	6,559	5,044	4,346	9,124	8,694	5,951	8,668	7,388	10,154
March	8,652	7,951	4,415	5,450	8,622	8,341	6,757	9,455	8,237	9,489
April	8,430	11,299	5,551	5,279	8,777	9,290	7,596	8,298	7,726	7,849
May	12,968	13,012	7,748	6,387	11,619	9,066	7,650	8,627	8,339	8,688
June	15,023	11,868	9,617	7,196	12,615	10,027	9,733	8,796	9,540	9,579
July	12,811	13,987	11,119	9,477	13,165	8,309	7,368	7,905	7,975	7,041
August	10,825	14,310	10,826	10,561	14,275	8,559	7,016	7,171	7,482	6,066
September	9,584	11,753	12,547	11,422	15,645	6,758	9,409	5,878	8,354	5,123
October	7,404	7,842	11,377	9,238	13,408	6,925	9,296	6,957	7,190	5,248
November	7,125	7,261	8,701	8,501	14,824	5,795	10,494	8,777	7,519	6,047
December	6,725	5,357	5,230	9,362	12,576	7,386	6,883	9,185	8,320	*4,897

1/ Revised to include late reports.
* Preliminary.

Table 31.-Manufacturers' Sales of Nonfat Dry Milk Solids, Dry Whole Milk and Buttermilk, United States, 1944-53 1/

Spray-Dried Nonfat Milk Solids

Month	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
					Thousand pounds					
Jan.		22,209	24,491	24,708	26,632	34,798	46,454	38,144	42,967	55,705
Feb.		19,214	23,059	19,567	25,421	30,956	45,098	34,802	43,326	62,847
Mar.		27,022	28,678	33,065	23,541	47,723	52,652	41,172	46,669	83,454
Apr.		24,974	33,681	42,318	38,345	65,331	50,649	40,456	50,284	97,574
May	Not	29,982	33,893	46,889	40,150	61,814	61,049	46,989	51,842	85,529
June	avail-	33,452	36,358	56,789	47,526	61,541	66,935	53,799	56,560	91,887
July	able	34,019	39,744	54,506	36,857	59,396	68,284	49,803	55,883	93,968
Aug.		29,582	38,964	42,723	32,344	47,552	57,413	52,217	47,880	72,187
Sept.		25,868	26,122	42,794	32,035	55,596	41,974	45,246	46,976	66,534
Oct.		25,047	25,668	30,102	38,961	49,373	35,692	46,324	47,872	47,640
Nov.		21,002	23,577	22,781	38,610	41,022	34,338	41,613	39,480	52,494
Dec.		20,505	18,643	24,349	39,639	38,764	33,357	39,479	43,931	64,558

Roller-Dried Nonfat Milk Solids

					Thousand pounds					
Jan.		26,060	19,441	15,553	16,579	14,238	18,482	10,206	11,385	10,186
Feb.		26,012	19,512	15,142	14,807	10,548	15,166	9,051	9,933	13,338
Mar.		32,483	26,341	20,992	14,214	19,946	20,580	10,446	11,741	13,807
Apr.		32,793	30,424	29,423	24,789	24,222	21,700	12,353	14,556	19,387
May	Not	45,461	31,065	33,580	32,107	31,359	30,652	17,200	17,551	22,296
June	avail-	56,183	37,772	39,491	33,371	36,828	30,496	20,136	18,196	30,306
July	able	54,064	42,539	49,129	28,249	35,550	27,196	15,314	16,691	30,365
Aug.		52,554	32,532	30,137	18,203	24,783	23,307	13,125	13,070	23,455
Sept.		37,946	20,876	27,485	19,467	25,634	14,813	11,485	11,696	20,718
Oct.		27,945	21,139	19,547	19,341	20,552	12,404	10,169	10,506	13,974
Nov.		18,735	15,584	13,970	18,365	16,864	9,693	8,505	8,799	11,157
Dec.		16,557	15,883	15,431	15,132	17,111	9,051	8,892	10,675	13,572

Dry Whole Milk

					Thousand pounds					
Jan.	11,733	15,620	16,432	16,867	11,259	12,373	8,229	10,454	6,738	6,426
Feb.	14,364	15,270	13,656	12,440	12,012	7,215	7,147	10,041	7,390	8,213
Mar.	10,596	22,200	15,821	10,414	10,348	8,848	8,796	10,662	8,852	7,611
Apr.	12,386	21,321	16,616	9,448	11,454	11,531	8,235	11,849	7,328	7,665
May	15,087	26,321	24,851	10,870	14,071	9,381	8,884	11,000	8,344	7,252
June	16,370	27,650	20,378	16,162	15,411	8,629	8,022	10,287	9,328	8,658
July	16,934	22,517	19,723	18,514	15,158	8,711	8,684	9,481	6,761	9,403
Aug.	15,452	26,373	18,805	15,952	15,710	8,875	10,734	6,360	6,663	9,437
Sept.	14,712	21,152	14,282	14,043	10,806	8,510	11,118	6,824	7,241	9,639
Oct.	15,656	15,523	12,792	13,903	9,106	7,937	9,819	6,645	7,005	7,056
Nov.	15,116	13,210	12,678	14,395	10,357	7,835	9,533	7,058	7,000	7,080
Dec.	11,817	14,357	13,635	11,551	14,000	10,389	9,336	6,913	6,554	7,245

Dry Buttermilk

					Thousand pounds					
Jan.	2,654	4,554	3,004	2,914	2,424	2,254	2,329	1,920	1,970	2,499
Feb.	2,931	4,572	2,672	2,465	1,954	2,215	2,226	2,002	2,178	2,053
Mar.	3,782	6,351	2,992	3,724	2,208	2,655	3,657	1,788	2,300	2,377
Apr.	3,826	5,858	2,933	4,152	3,082	2,833	2,821	1,979	2,556	2,820
May	4,136	5,821	3,231	4,505	3,199	3,376	2,746	2,380	2,399	3,170
June	4,912	6,103	3,617	4,329	4,200	4,538	3,584	2,531	2,994	3,077
July	3,646	5,417	3,440	4,848	3,450	3,444	3,570	2,530	3,196	3,163
Aug.	3,247	5,332	2,931	3,599	2,899	3,683	3,336	2,211	2,263	2,997
Sept.	2,573	4,678	2,817	3,271	2,373	3,019	2,121	1,865	2,560	3,608
Oct.	3,057	4,263	2,898	2,758	2,138	2,273	1,995	2,014	1,620	3,375
Nov.	2,862	3,104	2,270	2,256	1,809	2,444	1,674	1,920	1,522	2,819
Dec.	3,607	2,502	2,192	2,131	1,720	2,690	1,638	2,224	2,272	2,710

1/ Sales by reporting firms. Revised to include late reports.

Table 32.--Production of Spray and Roller-Dried Nonfat Milk Solids, United States, 1947-51 Average, 1951, 1952, and 1953

Spray

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 Av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	35,212	34,635	34,430	64,500	+ 83	+87
February	36,480	33,692	38,763	66,600	+ 83	+72
March	47,269	43,710	53,533	86,850	+ 84	+62
April	55,220	54,557	65,889	96,600	+ 75	+47
May	67,577	72,968	90,635	112,000	+ 66	+24
June	68,318	78,247	85,571	105,300	+ 54	+23
July	57,019	63,561	68,696	89,650	+ 57	+31
August	44,143	51,058	56,542	75,400	+ 71	+33
September	33,562	35,859	41,468	56,900	+ 70	+37
October	28,670	28,751	37,166	55,750	+ 94	+50
November	24,747	20,979	37,266	59,000	+138	+58
December	32,301	28,370	55,117	78,500	+143	+42
Total	530,518	546,387	665,076	947,050	+ 79	+42

Roller

	Thousand pounds				Percent	
January	14,585	7,786	10,342	13,350	- 8	+29
February	15,261	6,963	12,441	14,600	- 4	+17
March	21,957	11,004	16,784	24,400	+11	+45
April	28,074	16,083	20,388	33,000	+18	+62
May	38,058	26,640	35,823	42,750	+12	+19
June	38,592	29,266	32,314	39,000	+ 1	+21
July	26,486	17,552	18,188	25,100	- 5	+38
August	18,463	12,947	15,317	16,500	-11	+ 8
September	13,356	8,430	10,638	10,150	-24	- 5
October	10,729	7,306	8,490	9,400	-12	+11
November	8,130	4,522	6,582	9,290	+14	+41
December	11,466	7,590	10,996	15,750	+37	+43
Total	245,157	156,089	198,303	253,290	+ 3	+28

Total Spray and Roller

	Thousand pounds				Percent	
January	49,797	42,421	44,772	77,850	+56	+74
February	51,741	40,655	51,204	81,200	+57	+59
March	69,226	54,714	70,317	111,250	+61	+58
April	83,293	70,640	86,277	129,600	+56	+50
May	105,635	99,608	126,458	154,750	+46	+22
June	106,910	107,513	117,885	144,300	+35	+22
July	83,505	81,113	86,884	114,750	+37	+32
August	62,606	64,005	71,859	91,900	+47	+28
September	46,919	44,289	52,106	67,050	+43	+29
October	39,399	36,057	45,656	65,150	+65	+43
November	32,877	25,501	43,848	68,290	+108	+56
December	43,767	35,960	66,113	94,250	+115	+43
Total	775,675	702,476	863,379	1,200,340	+ 55	+39

1/ Enumerations. 2/ Revised estimates.

Table 33.--Production of Dry Skim Milk for Animal Feed, United States, 1947-51 Average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51 Av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	1,021	984	1,502	1,300	+ 27	-13
February	1,080	1,065	1,313	1,475	+ 36	+12
March	1,496	1,245	1,866	2,135	+ 43	+14
April	1,821	1,319	2,561	3,020	+ 66	+18
May	2,438	1,820	3,242	3,725	+ 53	+15
June	2,633	2,117	3,319	3,340	+ 27	+ 1
July	2,141	1,587	2,690	2,100	- 2	-22
August	1,575	1,379	2,248	2,000	+ 27	-11
September	1,096	898	1,851	1,650	+ 51	-11
October	873	777	1,635	1,690	+ 94	+ 3
November	686	526	1,498	1,570	+129	+ 5
December	780	582	1,581	1,980	+154	+25
Total	17,648	14,299	25,306	25,985	+ 47	+ 3

1/ Enumerations. 2/ Revised estimates.

Table 34 -Production of Dry Whole Milk, United States, 1947-51 Average, 1951, 1952, and 1953

Spray

Month	Average 1947-51	1951	1952	1953 1/	Change in 1953 from 1947-51 av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	10,332	11,464	6,829	6,600	-36	- 3
February	9,164	11,208	6,850	6,700	-27	- 2
March	10,598	13,289	8,621	8,700	-18	+ 1
April	11,006	13,294	9,718	8,300	-25	-15
May	14,253	14,964	10,453	8,900	-38	-15
June	14,041	13,608	12,343	8,675	-38	-30
July	13,538	12,544	8,989	9,400	-31	+ 5
August	11,591	8,173	8,717	9,250	-20	+ 6
September	9,962	6,488	5,859	7,350	-26	+25
October	9,100	5,465	5,423	7,700	-15	+42
November	6,683	4,573	4,899	7,400	+11	+51
December	7,664	5,782	6,066	7,230	- 6	+19
Total	127,932	130,852	94,767	96,205	-25	+ 2

Roller

	Thousand pounds				Percent	
January	1,260	900	415	935	-26	+125
February	1,452	700	420	625	-57	+49
March	1,312	1,050	540	100	-92	-81
April	1,429	1,100	545	450	-69	-17
May	1,335	900	785	550	-59	-30
June	1,135	1,150	820	700	-38	-15
July	1,374	1,325	750	650	-53	-13
August	1,356	1,200	950	800	-41	-16
September	1,253	850	375	1,270	+ 1	+239
October	1,391	540	450	1,300	- 7	+189
November	996	75	340	1,020	+ 2	+200
December	1,078	375	575	740	-31	+ 29
Total	15,371	10,165	6,965	9,140	-41	+ 31

Total Spray and Roller 2/

	Thousand pounds				Percent	
January	11,592	12,364	7,244	7,535	-35	+ 4
February	10,616	11,908	7,270	7,325	-31	+ 1
March	11,910	14,339	9,161	8,800	-26	- 4
April	12,435	14,394	10,263	8,750	-30	-15
May	15,588	15,864	11,238	9,450	-39	-16
June	15,176	14,758	13,163	9,375	-38	-29
July	14,912	13,869	9,739	10,050	-33	+ 3
August	12,947	9,373	9,667	10,050	-22	+ 4
September	11,215	7,338	6,234	8,620	-23	+38
October	10,491	6,005	5,873	9,000	-14	+53
November	7,679	4,648	5,239	8,420	+10	+61
December	8,742	6,157	6,641	7,970	- 9	+20
Total	143,303	131,017	101,732	105,345	-26	+ 4

1/ Revised estimates.
2/ Data 1951, 1952, and 5-year averages are enumerations.

Table 35.-Manufacturers' Selling Prices in Carlots of Nonfat Dry Milk Solids for Human Consumption, Chicago Area (Minnesota, Wisconsin, Illinois, Indiana, and Michigan) 1944-1953 (F.O.B. factory) *

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Spray process						
						Cents per pound						
1944	14.59	14.59	14.57	14.60	14.61	14.58	14.66	14.58	14.60	14.60	14.61	14.58
1945	14.60	14.63	14.69	14.48	14.58	14.58	14.62	14.45	14.49	13.92	13.76	14.22
1946	14.73	14.76	14.83	14.68	14.60	14.68	14.65	15.00	14.93	15.11	15.08	14.90
1947	14.18	12.84	10.55	10.00	9.76	9.81	9.86	9.92	10.30	10.87	12.27	14.17
1948	14.12	15.17	15.27	14.68	14.88	14.96	15.65	15.69	15.62	15.66	15.53	15.60
1949	13.93	11.71	11.77	11.94	12.11	12.06	12.04	11.86	12.52	12.52	12.55	12.61
1950	12.37	12.23	12.23	12.31	12.28	12.23	12.34	12.31	12.27	12.24	12.18	12.36
1951	12.71	13.18	13.56	14.85	14.92	14.83	14.89	14.97	14.95	15.01	14.97	15.02
1952	15.22	15.53	15.53	16.42	16.64	16.68	16.59	16.90	16.81	16.79	16.87	16.69
1953	16.90	16.69	16.79	16.13	15.44	15.46	15.39	15.49	15.11	15.24	15.20	15.34
						Roller process						
						Cents per pound						
1944	12.68	12.67	13.81	14.02	14.18	14.17	14.00	14.04	13.87	13.72	13.44	13.07
1945	13.32	13.10	12.94	13.34	13.37	13.81	13.70	13.76	13.59	12.51	12.37	13.00
1946	13.64	14.02	13.85	13.85	13.91	14.00	13.95	14.03	14.07	14.07	14.10	14.02
1947	13.06	12.36	9.46	8.70	8.45	8.50	8.65	8.67	8.99	9.58	11.16	13.49
1948	13.98	14.05	13.84	13.32	13.27	13.36	13.86	14.06	14.27	14.29	14.23	14.22
1949	12.50	9.43	9.90	10.29	10.72	10.85	10.83	10.79	11.31	11.33	11.24	11.23
1950	10.95	10.29	10.23	10.31	10.24	10.16	10.14	10.15	10.13	10.17	10.55	10.87
1951	10.91	11.42	11.72	12.54	13.00	13.01	13.10	13.22	13.25	13.64	13.92	14.02
1952	14.41	14.29	14.76	14.83	14.86	14.58	14.48	14.73	14.90	15.19	14.70	14.84
1953	14.35	13.27	13.80	13.25	12.76	12.91	12.49	12.53	12.87	12.73	13.13	13.09

* Fiscal month from 26th of preceding month through 25th of current month.

Table 36.-Production of Dry Buttermilk, United States, 1947-51 Average, 1951, 1952, and 1953

Month	Average 1947-51 1/	1951 1/	1952 1/	1953 2/	Change in 1953 from 1947-51Av.	Change in 1953 from 1952
	Thousand pounds				Percent	
January	3,521	3,368	3,316	4,100	+16	+24
February	3,509	3,392	3,027	3,775	+ 8	+25
March	4,359	4,024	3,747	4,800	+10	+28
April	4,431	3,984	4,458	5,000	+13	+12
May	5,324	5,083	5,532	5,600	+ 5	+ 1
June	5,371	5,455	5,149	5,700	+ 6	+11
July	4,606	4,851	4,752	4,535	- 2	- 5
August	3,726	4,146	3,955	3,700	- 1	- 6
September	3,076	3,317	3,334	3,100	+ 1	- 7
October	2,753	2,749	2,917	2,500	- 9	-14
November	2,534	2,362	3,153	2,775	+10	-12
December	2,978	2,736	3,727	3,800	+28	+ 2
Total	46,188	45,467	47,067	49,385	+ 7	+ 5

1/ Enumerations.
2/ Revised estimates.

Table 37.-Manufacturers' Stocks of Dry Buttermilk, United States, 1944-53

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Thousand pounds						
1944	3,690	4,279	5,485	5,966	7,259	8,411	9,167	9,925	10,734	10,911	11,278	11,318
1945	10,706	10,033	7,533	6,180	6,653	6,293	5,984	5,407	4,640	2,713	1,873	1,781
1946	1,560	1,541	1,542	1,794	2,261	2,760	3,272	4,076	4,595	4,510	4,455	4,816
1947	4,971	5,389	5,407	5,137	5,720	6,825	7,415	7,529	6,012	6,093	4,814	4,573
1948	4,096	4,328	4,635	4,346	4,306	4,224	5,521	6,234	6,056	6,186	5,994	5,972
1949	6,750	6,817	7,096	7,151	8,033	8,892	8,455	7,161	6,485	5,793	5,392	4,669
1950	4,157	3,974	3,671	4,031	4,871	5,831	5,956	5,470	5,019	3,935	2,980	3,474
1951	5,218	5,427	5,117	7,117	8,130	7,452	8,489	9,549	9,958	9,266	8,235	8,090
1952	6,595	6,836	6,410	7,273	10,592	12,784	13,541	13,645	12,796	12,157	12,155	11,832
1953 1/	11,324	12,017	12,223	14,323	15,142	15,055	15,940	15,027	12,690	10,765	9,516	8,735

1/ Revised to include late reports.

Table 38.-Manufacturers' Stocks of Spray-dried Nonfat Milk Solids at End of Month, United States, 1944-1953

Month	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953 1/
	Thousand pounds									
Jan.	13,029	15,296	7,313	29,074	10,591	36,623	30,622	18,225	24,697	103,248
Feb.	15,391	17,334	8,200	40,207	13,016	44,846	30,408	19,727	18,910	101,766
Mar.	19,917	18,115	12,066	52,664	19,904	50,148	35,230	22,260	26,387	100,327
Apr.	26,278	23,445	17,977	47,955	22,567	47,087	45,550	36,858	42,456	86,073
May	27,609	30,514	34,189	63,543	35,108	57,771	54,688	60,925	82,186	100,949
June	32,486	32,403	40,406	64,808	43,536	64,427	60,258	87,933	112,295	101,837
July	29,541	27,084	40,376	57,230	52,809	60,933	54,048	104,646	124,474	88,628
Aug.	26,870	20,409	34,707	45,896	59,035	64,847	40,014	103,176	128,273	80,057
Sept.	23,509	16,190	32,338	29,563	52,481	55,453	29,045	90,959	118,322	61,446
Oct.	18,686	11,616	25,120	21,059	46,697	38,899	22,313	68,306	102,535	51,717
Nov.	15,221	6,987	18,726	12,449	34,757	32,481	16,937	47,245	95,207	55,844
Dec.	16,571	8,753	24,043	9,932	30,437	33,318	15,931	35,214	99,679	63,200

1/ Revised to include late reports.

Table 39.-Manufacturers' Stocks of Roller-dried Nonfat Milk Solids at End of Month, United States, 1944-1953

Month	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953 1/
	Thousand pounds									
Jan.	11,604	22,609	5,547	17,996	4,489	13,516	13,317	4,648	4,991	29,243
Feb.	14,044	23,321	6,454	22,307	5,466	18,646	14,661	4,222	5,541	27,291
Mar.	20,998	26,514	9,952	28,034	12,549	22,637	17,776	4,865	8,275	32,832
Apr.	29,939	38,897	17,419	29,351	16,993	28,349	24,807	7,375	12,357	43,024
May	38,468	51,825	37,070	37,984	27,840	38,504	27,895	15,532	26,390	53,072
June	42,056	54,649	45,572	46,347	36,977	41,019	33,005	22,475	38,298	55,055
July	46,678	50,276	40,226	34,374	37,933	37,196	28,674	23,969	37,676	43,188
Aug.	37,509	34,981	32,747	28,193	38,941	32,354	19,003	22,164	39,155	34,575
Sept.	34,436	22,585	28,512	19,380	32,965	24,995	13,400	18,909	35,440	22,975
Oct.	29,620	12,457	20,906	13,813	26,417	18,127	9,131	13,913	32,642	16,208
Nov.	22,596	6,744	15,474	8,088	16,300	15,310	6,561	9,303	29,346	12,049
Dec.	21,463	5,678	14,894	4,939	13,938	15,404	6,099	7,051	28,036	10,894

1/ Revised to include late reports.

Table 40.-Manufacturers' Stocks of Total Nonfat Dry Milk Solids at End of Month, United States, 1944-1953 1/

Month	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953 2/
	Thousand pounds									
Jan.	24,633	37,905	12,860	47,070	15,080	50,139	43,939	22,873	29,688	132,491
Feb.	29,435	40,655	14,654	62,514	18,482	63,492	45,069	23,949	24,451	129,057
Mar.	40,915	44,629	22,018	80,698	32,453	72,785	53,006	27,125	34,662	133,159
Apr.	56,217	62,342	35,396	77,306	39,560	75,436	70,357	44,233	54,813	129,097
May	66,077	82,339	71,259	101,532	62,948	96,275	82,583	76,457	108,576	154,021
June	74,542	87,052	85,978	111,155	80,513	105,446	93,263	110,408	150,593	156,892
July	76,219	77,360	80,602	91,604	90,742	98,129	82,722	128,615	162,150	131,826
Aug.	64,379	55,390	67,454	74,089	97,976	97,201	59,017	125,340	167,428	114,632
Sept.	57,945	38,775	60,850	48,943	85,446	80,448	42,445	109,868	153,762	84,421
Oct.	48,306	24,073	46,026	34,872	73,114	57,026	31,444	82,219	135,177	67,925
Nov.	37,817	13,731	34,200	20,537	51,057	47,791	23,498	56,548	124,553	67,893
Dec.	38,034	14,431	38,937	14,871	44,375	48,722	22,030	42,265	127,715	74,094

1/ Excludes dry skim milk for animal feed.
2/ Revised to include late reports.

Table 41.--Manufacturers' Stocks of Dry Whole Milk at End of Month, United States, 1944-1953 1/

Month	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953 2/
				Thousand pounds						
Jan.	12,321	16,489	9,218	17,545	12,173	16,251	9,738	10,737	16,769	15,412
Feb.	10,862	16,456	9,303	15,974	12,487	14,834	9,157	10,868	14,605	12,794
Mar.	13,191	14,849	10,753	17,274	12,519	15,479	9,792	14,703	13,344	13,211
Apr.	16,492	18,602	14,549	18,229	14,779	14,124	9,800	15,792	14,518	13,402
May	20,528	21,805	16,329	22,302	20,307	16,135	10,307	19,181	16,761	14,907
June	23,476	23,019	22,783	24,567	23,116	17,377	13,219	22,240	19,287	14,428
July	23,076	22,617	25,403	22,652	27,692	19,059	13,935	24,130	21,385	13,560
Aug.	20,407	19,543	26,007	20,798	29,613	17,788	13,630	26,325	23,963	14,110
Sept.	20,112	13,207	26,408	18,229	29,097	18,271	12,503	25,511	22,273	11,512
Oct.	17,681	12,220	23,133	18,620	30,713	16,666	13,284	23,288	20,212	11,716
Nov.	13,814	12,020	19,131	15,364	25,967	14,180	11,644	19,612	17,009	11,316
Dec.	16,299	12,254	17,718	12,496	18,491	11,105	10,231	17,917	15,181	10,220

1/ Includes packaged goods. 2/ Revised to include late reports.

Table 42.--Manufacturers' Selling Prices of Nonfat Dry Milk Solids, United States, 1946-1953

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	St. Av.
						Spray Process							
						Cents per pound							
1946	14.77	14.81	14.86	14.81	14.85	14.76	14.76	14.81	15.02	14.92	15.00	14.93	14.86
1947	13.32	11.73	10.41	10.04	9.80	9.90	9.93	10.07	10.64	11.41	12.70	14.21	11.18
1948	14.80	15.24	15.24	14.79	14.95	15.32	15.71	16.45	16.34	16.22	16.36	15.48	15.58
1949	13.61	11.83	11.96	12.19	12.24	12.15	12.21	12.26	12.54	12.65	12.61	12.50	12.40
1950	12.09	12.31	12.25	12.32	12.25	12.30	12.32	12.30	12.29	12.50	12.78	13.04	12.40
1951	13.39	13.56	14.00	14.81	14.99	15.00	15.11	14.96	15.20	14.92	15.19	15.30	14.70
1952	15.38	15.73	16.05	16.54	16.66	16.69	16.90	16.82	16.91	16.82	16.86	16.69	16.50
1953 1/	16.55	16.37	16.14	15.76	15.46	15.37	15.29	15.33	15.37	15.56	15.51	15.67	15.70
						Roller process							
						Cents per pound							
1946	13.96	13.94	13.97	14.02	14.12	13.92	14.45	14.00	14.33	14.26	14.25	13.99	14.10
1947	12.73	10.93	9.38	9.81	8.91	9.07	8.90	9.06	9.61	10.51	11.98	13.82	10.39
1948	14.29	14.37	13.91	13.55	13.64	14.07	14.32	14.62	14.67	14.78	14.81	14.12	14.26
1949	11.85	10.44	10.24	10.44	10.82	10.73	10.83	10.82	11.18	11.31	11.25	11.16	10.92
1950	10.58	10.41	10.42	10.37	10.34	10.34	10.23	10.40	10.59	10.92	11.16	11.53	10.61
1951	11.79	12.15	12.40	13.10	13.22	13.33	13.43	13.62	13.74	13.90	14.31	14.30	13.27
1952	14.55	14.93	15.23	15.30	15.04	15.12	15.21	15.50	15.65	15.68	15.42	15.40	15.25
1953	14.85	14.01	13.55	13.03	12.66	12.50	12.50	12.45	12.49	12.84	13.40	13.29	13.13
						Total Nonfat Dry Milk Solids							
						Cents per pound							
1946	14.42	14.42	14.45	14.44	14.51	14.33	14.60	14.45	14.71	14.63	14.71	14.50	14.51
1947	13.10	11.40	10.03	9.95	9.43	9.56	9.46	9.65	10.24	11.05	12.43	14.06	10.86
1948	14.61	14.93	14.75	14.34	14.39	14.79	15.13	15.80	15.70	15.75	15.87	15.11	15.10
1949	13.10	11.50	11.48	11.72	11.78	11.62	11.70	11.77	12.11	12.26	12.22	12.11	11.95
1950	11.68	11.84	11.73	11.76	11.61	11.71	11.72	11.77	11.86	12.09	12.44	12.72	11.91
1951	13.06	13.28	13.69	14.42	14.53	14.57	14.73	14.70	14.93	14.74	15.04	15.12	14.40
1952	15.21	15.59	15.90	16.27	16.27	16.33	16.52	16.54	16.67	16.61	16.60	16.44	16.25
1953	16.29	15.96	15.77	15.32	14.91	14.68	14.62	14.64	14.70	14.93	15.15	15.25	15.18
						Skim Milk for Animal Feed							
						Cents per pound							
1946	8.80	9.25	9.24	9.49	9.49	9.44	9.62	10.25	9.69	9.92	9.94	10.14	9.62
1947	9.62	8.12	7.68	7.65	7.18	7.11	6.73	7.06	7.39	7.92	8.57	9.18	7.85
1948	10.16	9.83	10.60	10.46	10.82	11.09	11.32	11.52	11.59	11.82	11.78	11.57	11.05
1949	9.83	9.08	9.11	8.74	8.64	8.57	8.62	8.35	8.65	8.31	8.12	8.43	8.70
1950	8.51	8.50	8.56	8.73	8.72	8.16	8.67	8.35	8.64	8.98	9.46	9.79	8.74
1951	10.04	10.26	10.55	10.54	10.63	10.40	10.63	10.43	10.56	10.77	10.77	11.10	10.56
1952	11.28	12.12	12.46	12.33	13.07	12.46	12.58	12.50	12.40	12.41	12.25	12.16	12.34
1953	13.09	10.37	10.96	10.16	8.99	8.07	7.35	8.12	8.53	9.16	9.82	10.19	9.57

1/ Excludes spray-dried nonfat milk solids sold in retail packages.

Table 43.-Manufacturers' Selling Prices of Dry Whole Milk, United States, 1947-1953

1 - 2½ pound packages

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	St. Av.
						Cents per pound							
1947	-	-	-	48.62	47.41	46.78	44.24	46.80	45.17	48.75	49.03	49.52	-
1948	49.78	51.02	53.95	52.43	55.50	55.51	54.96	57.50	58.58	55.63	44.34	50.57	53.31
1949	45.57	53.49	51.23	44.84	46.99	47.31	44.50	44.58	45.03	45.50	46.80	50.53	47.20
1950	46.71	43.33	43.09	43.84	43.00	42.34	43.87	42.82	43.10	43.98	46.52	45.24	43.99
1951	48.30	49.98	51.54	50.58	55.28	52.51	47.19	53.96	50.41	47.84	48.46	49.33	50.45
1952	49.95	49.01	48.73	50.59	48.93	49.32	49.00	47.73	50.11	50 10	49.31	51.64	49.54
1953	51.04	49.53	47.42	47.18	48.41	45.61	45.87	43.75	46.71	49.69	45.08	47.17	47.29
						5 pound packages							
1947	-	-	-	41.79	41.50	40.65	39.67	39.46	42.57	42.24	43.54	44.19	-
1948	48.00	45.72	47.48	45.63	49.28	49.25	50.76	51.10	50.97	52.20	45.06	46.67	48.51
1949	43.61	44.72	43.50	45.09	45.09	41.89	39.06	41.72	41.07	42.56	45.16	44.87	43.20
1950	41.65	39.86	40.41	38.47	39.24	42.64	38.88	39.54	39.08	38.71	39.40	39.38	39.77
1951	41.52	43.35	45.10	43.69	45.05	46.92	43.14	45.49	48.20	43.71	45.91	44.20	44.69
1952	43.17	43.62	47.32	46.04	45.10	44.23	44.17	45.52	44.91	45.02	45.00	46.43	45.04
1953	44.04	44.97	42.46	39.65	41.95	38.92	39.23	39.36	40.88	41.29	40.74	41.84	41.28
						All other packages, including barrels and drums							
1947	-	-	-	35.39	35.29	32.43	35.42	38.27	40.53	39.64	39.49	42.98	-
1948	42.93	42.83	41.46	43.03	43.00	44.05	44.41	46.20	43.84	41.33	41.20	41.89	43.01
1949	34.35	35.44	34.32	35.01	35.71	31.41	33.74	31.12	33.68	33.96	33.03	33.72	33.79
1950	34.41	34.04	32.71	32.23	32.49	32.80	32.78	33.55	34.50	35.51	35.57	37.11	33.98
1951	36.40	37.24	37.40	36.91	38.48	36.54	36.75	35.67	37.96	37.98	39.71	39.29	37.53
1952	40.10	40.34	41.21	40.46	40.03	39.34	38.70	38.87	40.09	41.56	40.69	38.98	40.03
1953	37.79	37.39	37.61	36.78	35.34	33.71	34.41	33.43	34.71	33.42	35.09	35.02	35.39
						Total whole milk							
1947	44.36	41.90	41.77	41.45	41.13	36.49	38.90	39.96	41.81	42.14	41.99	44.97	41.14
1948	45.90	45.32	45.80	46.17	47.45	49.70	49.08	50.20	51.32	47.74	42.87	46.17	47.31
1949	41.06	42.27	41.58	40.46	41.55	39.55	38.85	39.61	38.22	38.58	40.20	41.12	40.25
1950	39.52	37.27	36.28	36.68	36.78	36.46	37.07	36.90	37.67	37.62	38.58	39.28	37.51
1951	41.87	43.97	45.07	43.18	45.69	45.54	42.12	44.07	43.59	43.23	45.31	46.19	44.15
1952	43.87	44.45	45.04	45.41	44.16	43.68	43.95	44.27	45.22	45.35	44.92	45.87	44.77
1953	43.94	44.04	42.79	41.48	42.63	39.74	40.02	39.54	41.62	40.46	40.47	41.22	41.50

Table 44.-Manufacturers' Selling Prices of Dry Buttermilk, United States, 1946-53

Human food

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	St. Av.
						Cents per pound							
1946	14.23	13.58	13.97	14.03	13.79	13.81	14.15	14.17	14.31	14.86	14.47	14.22	14.13
1947	13.14	10.65	9.99	9.45	9.53	9.33	9.65	9.47	9.99	11.19	12.25	13.92	10.71
1948	14.17	15.04	15.28	13.71	14.23	14.52	15.46	16.26	16.19	16.44	16.27	15.71	15.27
1949	13.16	11.10	10.23	10.59	10.22	9.69	10.42	9.85	10.78	10.75	10.80	10.99	10.72
1950	11.33	11.29	11.20	11.53	10.80	11.34	10.55	11.28	11.80	12.67	12.56	12.74	11.60
1951	13.07	12.94	11.89	13.58	13.70	14.05	13.54	13.61	13.80	14.40	13.56	13.91	13.50
1952	14.03	14.78	15.30	14.87	15.08	15.12	15.46	15.04	15.32	15.32	15.00	15.17	15.04
1953	14.55	13.76	14.11	14.32	14.29	13.35	13.26	12.95	12.02	13.10	13.95	13.99	13.64
						Animal feed							
1946	8.79	9.16	9.01	8.91	9.00	8.46	9.11	9.40	9.82	9.39	9.62	9.18	9.16
1947	8.87	8.51	8.01	7.64	7.03	7.63	7.78	7.60	7.70	7.98	8.64	9.16	8.05
1948	9.89	10.14	10.45	10.34	10.63	10.56	10.84	11.08	11.07	11.25	10.98	10.72	10.68
1949	10.42	9.42	8.58	8.48	8.21	7.95	8.11	7.75	7.95	7.95	8.06	7.98	8.40
1950	7.98	8.17	9.04	8.09	8.38	8.12	8.09	8.29	8.60	9.14	9.43	9.81	8.60
1951	10.00	10.15	10.08	10.21	10.19	10.16	10.14	10.15	10.38	10.48	10.48	10.86	10.27
1952	11.47	11.61	11.41	11.69	11.29	11.28	11.58	11.29	11.34	11.06	11.41	10.93	11.36
1953	10.94	10.60	8.67	8.32	7.07	6.38	6.92	6.73	7.04	7.59	7.84	8.24	8.03
						Total buttermilk							
1946	11.82	11.14	11.35	11.11	10.74	10.59	11.09	11.65	12.05	12.01	12.55	11.85	11.50
1947	11.12	9.56	8.66	8.48	8.13	8.39	8.62	8.50	8.88	9.59	10.91	11.72	9.40
1948	12.31	12.83	12.78	11.79	12.57	12.95	13.32	13.67	13.33	13.84	13.73	12.78	12.99
1949	11.90	10.36	9.44	9.36	8.92	8.70	9.37	8.74	9.40	9.09	9.36	9.57	9.52
1950	9.59	9.64	9.93	9.50	9.33	9.30	9.26	9.72	10.08	10.80	10.95	11.28	9.95
1951	11.48	11.61	13.83	11.70	11.69	11.45	11.32	11.00	11.81	12.20	12.09	12.16	11.86
1952	12.88	12.95	13.46	13.35	12.71	12.93	13.73	13.27	13.01	12.80	13.16	12.96	13.10
1953	12.34	11.43	11.72	12.43	11.69	10.07	11.29	9.83	10.36	11.17	11.58	11.66	11.30

Table 45.-Milk Dealers' Average Buying Prices for Standard Grade Milk Used for City Distribution as Milk and Cream, United States, by months, 1925-53
(Per hundredweight of 3.5% milk f.o.b. local shipping points or country plants)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
						Dollars							
1925	2.70	2.72	2.68	2.64	2.56	2.49	2.57	2.64	2.72	2.78	2.83	2.90	2.69
1926	2.87	2.83	2.82	2.77	2.68	2.63	2.66	2.70	2.72	2.76	2.79	2.85	2.76
1927	2.86	2.79	2.73	2.71	2.67	2.63	2.64	2.70	2.70	2.77	2.79	2.82	2.73
1928	2.84	2.84	2.80	2.74	2.68	2 66	2.68	2.75	2.78	2.83	2.88	2.90	2.78
1929	2.89	2.89	2.84	2.78	2.76	2.70	2.77	2.78	2.84	2.85	2.88	2.88	2.82
1930	2.81	2.78	2.77	2.72	2.65	2.61	2.60	2.63	2.71	2.70	2.68	2.62	2.69
1931	2.47	2.37	2.33	2.25	2.16	2.15	2.14	2.18	2.16	2.14	2.10	2.00	2.20
1932	1.96	1.88	1.80	1.76	1.71	1.68	1.63	1.64	1.67	1.68	1.64	1.57	1.72
1933	1.55	1.50	1.46	1.47	1.45	1.49	1.57	1.67	1.72	1.77	1.79	1.80	1.60
1934	1.81	1.80	1.79	1.81	1.81	1.82	1.86	1.91	1.97	2.02	2.03	2.04	1.89
1935	2.05	2.07	2.09	2.07	2.07	2.06	2.04	2.03	2.03	2.03	2.03	2.03	2.05
1936	2.04	2.05	2.04	2.03	2.02	2.01	2.06	2.20	2.26	2.28	2.29	2.31	2.13
1937	2.32	2.33	2.33	2.31	2.29	2.28	2.30	2.31	2.32	2.32	2.34	2.35	2.32
1938	2.35	2.32	2.31	2.29	2.26	2.23	2.23	2.22	2.22	2.23	2.23	2.23	2.26
1939	2.23	2.21	2.20	2.15	2.11	2.10	2.10	2.12	2.15	2.19	2.22	2.25	2.17
1940	2.25	2.25	2.25	2.23	2.18	2.18	2.18	2.18	2.18	2.20	2.22	2.24	2.21
1941	2.26	2.26	2.26	2.27	2.27	2.29	2.32	2.40	2.49	2.60	2.66	2.70	2.40
1942	2.73	2.74	2.75	2.75	2.75	2.75	2.75	2.76	2.82	2.85	2.93	2.95	2.79
1943	3.00	3.07	3.09	3.14	3.16	3.18	3.19	3.20	3.22	3.23	3.23	3.23	3.16
1944	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.25	3.25	3.26	3.26	3.24
1945	3.26	3.26	3.26	3.25	3.25	3.25	3.25	3.25	3.26	3.26	3.27	3.27	3.26
1946	3.27	3.27	3.29	3.30	3.32	3.47	4.00	4.21	4.43	4.62	4.87	4.96	3.92
1947	4.94	4.74	4.68	4.61	4.46	4.41	4.49	4.60	4.71	4.87	4.97	5.02	4.71
1948	5.09	5.10	5.09	5.07	5.03	5.04	5.16	5.29	5.32	5.30	5.27	5.25	5.17
1949	5.16	5.04	4.89	4.67	4.58	4.56	4.61	4.66	4.71	4.74	4.75	4.75	4.76
1950	4.65	4.63	4.57	4.36	4.31	4.29	4.39	4.52	4.62	4.79	4.84	4.88	4.57
1951	4.99	5.07	5.09	5.05	5.01	4 98	5.05	5.12	5.20	5.30	5.38	5.43	5.14
1952	5.44	5.49	5.47	5.33	5 26	5.22	5.33	5.43	5.54	5.65	5.69	5.63	5.46
1953	5.50	5.40	5.27	5.05	4.92	4.87	*4.99	*5.05	5.15	5.20	5.23	5.18	5.15

* Revised.

Table 46.-Dealers' Buying Prices for Standard Grade Milk Used for City Distribution as Milk and Cream (3.5% fat basis) per hundredweight for Delivery F.O.B. Local Shipping Point or Country Plant, by months, 1953

Div.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
						Dollars							
N. E.	*5.85	5.84	*5.52	4.92	4.91	*4.92	*5.27	5.36	5.68	5.84	5.84	5.84	5.48
M. A.	*5.89	*5.86	5.82	5.59	5.36	5.36	*5.39	5.51	*5.57	*5.60	5.61	5.62	5.60
E.N.C.	*4.80	*4.57	*4.46	*4.29	4.14	4.06	4.26	4.32	4.41	4.46	4.49	4.34	4.38
W.N.C.	*4.73	*4.60	*4.50	*4.30	4.21	4.15	4.27	4.30	4.35	4.39	4.44	4.33	4.38
S. A.	*6.21	*6.19	*6.18	*6.17	*6.09	6.01	*6.04	*6.02	*6.06	*6.10	*6.13	6.12	6.11
E.S.C.	*5.59	*5.58	*5.06	*4.71	*4.67	*4.67	*4.68	*4.75	5.02	5.08	*5.14	5.14	5.01
W.S.C.	6.39	6.15	6.05	5.77	5.43	5.17	5.36	5.48	5.46	5.47	5.60	5.59	5.66
Mount.	5.50	5.49	5.43	*5.40	*5.23	5.22	*5.19	*5.19	*5.20	5.22	5.18	5.14	5.28
Pac.	5.49	5.39	5.36	5.09	5.04	5.04	5.04	5.04	5.04	5.05	5.06	5.07	5.14

* Revised.

Class I prices decline

The milk dealers' average buying price for Class I milk in 1953 in more than 125 markets was the third highest of record, exceeded only by 1952 and 1948. The average price of $5.15 per hundredweight in 1953 was 31 cents lower than 1952 but at nearly the same level as in 1948 and 1951. It was 13 cents per hundredweight higher than the 1948-52 average. With the sole exception of January, the monthly prices in 1953 were lower than in 1952. The January 1953 price was 6 cents per hundredweight above January 1952 but the October and December 1953 prices were 45 cents per hundredweight lower than in 1952. The decline during 1953 was sharpest in the early months of the year.

Average prices for 1953 were lower than in 1952 in all regions except the South Atlantic which were 4 cents per hundredweight higher. The largest decline occurred in the West South Central States which averaged 57 cents per hundredweight less than 1952. The next largest price decline occurred in the East North Central States which averaged 48 cents per hundredweight lower and in New England and the East South Central States which were both 44 cents per hundredweight less than 1952.

(Continued on page 38)

Table 47.--Milk Dealers' Average Buying Prices, by Geographic Divisions, for Standard Grade Milk Used for City Distribution as Milk and Cream, 1922-53

(Per hundredweight of 3.5% milk f.o.b. local shipping points or country plants)

Year	New England	Middle Atlantic	E. N. Central	W. N. Central	South Atlantic	E. S. Central	W. S. Central	Mountain	Pacific	U.S.
					Dollars					
1922	3.02	2.45	1.94	1.92	3.07	1.94	2.28	2.02	2.41	2.31
1923	3.30	2.79	2.53	2.35	3.34	2.42	2.70	2.37	2.76	2.71
1924	3.12	2.54	2.49	2.19	3.50	2.73	2.56	2.36	2.70	2.63
1925	3.32	2.70	2.49	2.18	3.46	2.50	2.59	2.45	2.71	2.69
1926	3.38	2.70	2.51	2.21	3.80	2.47	2.63	2.40	2.69	2.76
1927	3.52	2.86	2.54	2.25	3.55	2.47	2.38	2.39	2.61	2.73
1928	3.62	2.89	2.54	2.32	3.50	2.58	2.46	2.41	2.52	2.78
1929	3.71	3.02	2.57	2.36	3.46	2.48	2.49	2.44	2.52	2.82
1930	3.69	2.94	2.47	2.20	3.28	2.35	2.34	2.25	2.40	2.69
1931	2.79	2.37	1.96	1.84	2.76	2.03	1.79	2.09	2.05	2.20
1932	2.26	1.71	1.48	1.49	2.23	1.58	1.43	1.76	1.72	1.72
1933	2.23	1.76	1.35	1.27	2.11	1.51	1.32	1.51	1.55	1.60
1934	2.58	2.19	1.65	1.57	2.36	1.84	1.68	1.63	1.69	1.89
1935	2.74	2.31	1.79	1.78	2.46	1.92	1.97	1.78	1.78	2.05
1936	2.66	2.42	1.91	1.86	2.55	2.05	1.96	1.85	1.88	2.13
1937	2.76	2.65	2.14	2.04	2.78	2.24	2.07	2.06	2.05	2.32
1938	2.81	2.54	2.06	1.95	2.79	2.09	2.00	1.98	1.95	2.26
1939	2.80	2.40	1.91	1.84	2.73	2.03	1.97	1.85	1.91	2.17
1940	2.82	2.56	1.96	1.87	2.74	2.13	1.92	1.82	1.93	2.21
1941	3.00	2.72	2.21	2.01	2.90	2.34	2.09	1.96	2.20	2.40
1942	3.42	3.13	2.54	2.33	3.23	2.87	2.66	2.25	2.70	2.79
1943	3.68	3.37	2.93	2.73	3.58	3.29	3.22	2.66	3.10	3.16
1944	3.74	3.42	3.02	2.80	3.73	3.40	3.31	2.87	3.13	3.24
1945	3.75	3.43	3.04	2.81	3.77	3.44	3.32	2.89	3.14	3.26
1946	4.56	4.14	3.63	3.48	4.45	4.03	3.90	3.51	3.78	3.92
1947	5.32	4.95	4.19	4.08	5.37	4.80	4.81	4.37	4.66	4.71
1948	5.96	5.42	4.72	4.58	5.71	5.23	5.32	4.69	4.91	5.17
1949	5.64	5.16	3.93	3.88	5.63	4.64	5.18	4.74	4.60	4.76
1950	5.30	4.89	3.79	3.77	5.52	4.47	5.01	4.65	4.29	4.57
1951	5.79	5.50	4.49	4.34	5.94	5.06	5.73	4.98	4.93	5.14
1952	5.92	5.68	4.86	4.78	6.07	5.45	6.23	5.41	5.41	5.46
1953	5.48	5.60	4.38	4.38	6.11	5.01	5.66	5.28	5.14	5.15

(Continued from page 37)

Decreases from 1952 averaged 40 cents per hundredweight in the West North Central States and 27 cents per hundredweight on the Pacific Coast. Smallest declines were 13 cents per hundredweight in the Mountain States and 8 cents per hundredweight in the Middle Atlantic States.

Changes during the year in Class I prices also varied by regions. Declines from January to December were recorded in all regions. The largest decrease in average prices from January to December was reported from the West South Central States where an 80 cent per hundredweight drop occurred. The next largest declines were: East North Central 46 cents per hundredweight, East South Central 45 cents per hundredweight, and Pacific 42 cents per hundredweight. The West North Central, Mountain, and Middle Atlantic regions respectively showed declines from January to December of 40 cents, 36 cents, and 27 cents per hundredweight, respectively. The smallest regional decline was reported from New England which in December 1953 was one cent per hundredweight below January.

Home delivered prices decline

Retail prices of standard grade milk delivered to homes in 25 major cities in 1953 averaged 23.1 cents per quart -- 0.1 cent per quart less than the 1952 average. In January 1953, this average price was 0.5 cent per quart higher than in January 1952. By March 1953, it was at the same level as in March 1952 and then declined in relation to the same month in 1952 until October when it was 0.5 cent per quart lower. This relation held during November and December. Fifteen of the 25 markets recorded a lower average price for home delivered milk in 1953 than in 1952. Two markets showed no change from 1952 and 8 markets showed increases. The Cleveland, Ohio, market showed the largest decline from 1952 -- 2.1 cents per quart. Dallas, Texas, was next with a one cent decline. Boston, Louisville, and Indianapolis each showed a decline of 0.8 cent per quart from 1952 levels. Portland, Ore., and San Francisco, Calif., had the same annual average price in 1953 as in 1952. The New Orleans market showed the largest increase in annual average price from the 1952 level with a gain of 1.1 cents per quart. Next in order were Pittsburgh with an increase of one cent per quart, Jacksonville, Fla., with 0.9 cent per quart and Denver with 0.8 cent per quart. The remaining increases ranged between 0.6 cent and 0.1 cent per quart. During the year, price changes for standard grade home delivered milk in this group of cities were mixed. Declines from January to December occurred in 11 markets, 6 markets showed the same price in December as in January and 8 markets showed increases. The largest declines during the year occurred in Louisville and Dallas both of which were down 2 cents per quart. The Seattle price declined 1½ cents per quart, and 1 cent per quart declines were reported from Cleveland, Indianapolis, Detroit, Minneapolis, Salt Lake City, and Los Angeles. Three markets were unchanged throughout the year: Milwaukee, Denver, and Portland, Ore. The largest increase occurred in New York City which was 2 cent per quart higher in December than January. In Jacksonville, Fla., and Kansas City, Mo., the December price was one cent higher than the January price.

Sales and receipts higher

Combined daily sales of fluid whole milk in 30 Federal Order markets during 1953 (Table 51) were 3.0 percent larger than in 1952. This compares with an increase of 2.2 percent from 1951 to 1952 for a smaller sample of markets. An increase in sales of fluid whole milk in 1953 over 1952 of 3.3 percent occurred in nine of these markets for which no significant quantities of out-of-area sales were included. Combined daily sales of butterfat in cream in 28 Federal Order markets in 1953 (Boston and Springfield, Mass. excluded) were 1 percent smaller than in 1952. This decrease in sales was considerably smaller than the 3.2 percent decline in sales which occurred between 1951 and 1952 in a smaller sample of Federal Order

markets. In a group of six of these markets for which no significant quantities of out-of-area sales were included, daily sales of butterfat in cream in 1953 were also one percent smaller than in 1952.

Combined daily sales of skim milk items in 28 Federal Order markets in 1953 were almost 6 percent larger than in 1952. A group of eight of these markets for which no significant quantity of out-of-area sales were included reported an increase of 8.3 percent in sales in 1953 above 1952. This compares with a gain of 5.5 percent between 1951 and 1952 for a slightly different sample of markets.

Daily receipts of milk from regularly approved producers in 30 Federal Order markets were 10.7 percent larger in 1953 than in 1952. The number of producers regularly shipping to these markets was 2.9 percent larger than in 1952 and daily shipments of milk per producer were 8 percent larger than in 1952.

Changes in composition of fluid sales

Table 53 shows aggregate sales of butterfat in the form of fluid whole milk and fluid cream (including milk and cream mixtures) and ratios of sales of butterfat in cream to butterfat in milk and cream in 23 Federal Order marketing areas for each of the years 1950, 1951, and 1952. The weighted average ratios for this period show a continuing decline as they have done since 1947. The ratios, expressed as percentages, for the entire six-year period are shown below:

1947	21.7	1950	19.4
1948	20.4	1951	18.3
1949	19.8	1952	17.6

Over this six-year period, there has occurred a 19 percent decline in the ratio of sales of butterfat in cream and milk and cream mixtures to total sales of butterfat in fluid whole milk, cream, and mixtures. All of the markets, except Philadelphia, have shown declines in the ratio of butterfat in cream to total butterfat in fluid whole milk and cream. The Philadelphia market has shown little change either way since 1947. In that year, the ratio for the Philadelphia marketing area was 14.5 percent and in 1952 it was 14.7 percent. All of the markets shown in Table 53 except Cincinnati and Worcester showed ratio declines from 1950 to 1951 and all except Philadelphia showed ratio declines from 1951 to 1952. The ratios continue to show positive correlation with latitude. The highest absolute ratios in 1952 occurred in Minneapolis-St. Paul, Boston, Sioux City, Iowa, Chicago, Duluth-Superior, and Omaha-Council Bluffs. The lowest ratios were in New Orlena,s Louisville, and Nashville

Table 54 shows for 22 Federal Order markets in 1948 and 1952 the quantities of butterfat contained in fluid whole milk, fluid cream and mixtures, and fluid skim and part-skim products. For the group of markets taken together a substantial increase occurred between 1948 and 1952 in the quantity of butterfat sold in fluid whole milk. A decline of nearly 7 percent occurred in the quantity of butterfat sold as fluid cream and milk and cream mixtures. A very large increase, 39 percent, occurred in the quantity of fat sold in the form of fluid skim and part-skim products but the absolute quantities involved were small compared with the quantities of fat in whole milk and in cream. Substantial differences occurred among the markets in changes in sales of fat in the various fluid products. Only two markets, Boston and Fall River, Mass., showed a decline in the quantity of fat sold in fluid whole milk between 1948 and 1952, and the decline in Boston was only one percent. The Philadelphia market showed no change. It is an interesting coincidence that both of these large markets had the same daily sales of fluid whole milk as product in 1952 as in 1948. The figures, not shown in the table, are 1,882,000 pounds for Boston and 1,911,000 pounds for Philadelphia.

All of the other markets in Table 54 showed more fat sold in fluid whole milk in 1952 than in 1948. Some of the increases are very impressive ranging as high as 43

(Continued on page 46)

Table 48.- Average retail prices of milk delivered to homes in 25 cities 1/ 2/

Yearly, 1931 - 1953

(Cents per single quart)

City	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
Boston, Mass.	12.8	10.5	11.1	11.3	12.4	12.4	12.5	13.0	13.2	13.2	13.7	15.0	15.7	16.0	16.0	18.2	20.2	22.6	22.2	21.6	23.0	23.9	23.1
Hartford, Conn.	14.8	12.5	12.4	14.0	13.2	13.3	14.0	14.0	14.0	14.0	14.8	16.0	16.0	16.0	16.0	18.1	20.2	22.1	22.7	21.1	23.8	24.5	24.2
New York, N.Y.	14.7	11.9	11.1	12.5	13.0	13.0	12.6	13.1	13.5	14.8	15.7	16.9	17.1	17.0	17.0	19.5	21.1	24.0	23.0	20.9	24.0	24.4	25.0
Philadelphia, Pa.	11.7	10.0	9.9	11.0	11.0	11.2	12.0	12.0	12.0	12.0	12.4	14.0	14 0	14 0	14.0	16.7	19.1	20.8	20.5	20.1	22.5	23.5	23.4
Pittsburgh, Pa.	11.7	9.0	9.2	10.4	11.0	11.4	13.0	13.0	11.7	12.5	13 3	14.0	15.5	15.5	15.5	17.6	19.7	20.8	20.9	20.0	22.1	23.6	24.6
Baltimore, Md.	12.5	11.3	10.7	11.0	12.0	12.1	13.0	13.0	12.8	11.8	13.2	14.0	14.0	14.0	14.0	16.5	19.0	20.7	20.6	20.6	22.7	23.5	23.9
Washington, D.C.	14.1	13.3	13.0	13.0	13.0	13.2	14.0	14.0	14.0	14.0	14.3	15.0	15.0	15.0	15.0	17.2	19.8	20.8	20.2	20.8	22.7	23.7	24.2
Jacksonville, Fla.	15.8	12.8	13.4	14.2	15.0	15.1	16.0	16.0	16.0	16.0	16.3	18.0	18.4	19.0	19.0	20.6	22.3	25.8	25.2	24.7	26.0	26.0	26.9
Cleveland, O.	10.4	8.7	8.9	10.5	10.2	11.2	12.0	11.3	10.7	11.2	12.6	14.0	14.9	15.0	15.0	17.1	17.7	20.2	17.8	17.8	20.8	22.0	19.9
Indianapolis, Ind.	10.2	9.4	8.7	9.1	10.0	11.4	12.0	12.0	11.4	11.4	12.6	14.0	14.0	14.0	14.0	15.8	17.9	20.0	18.7	18.9	21.2	22.6	21.8
Chicago, Ill.	13.0	11.2	9.8	9.6	10.7	11.4	12.4	12.3	11.8	13.0	14.0	15.4	16.5	16.5	16.5	18.9	21.0	22.5	21.1	21.3	23.6	25.3	25.0
Detroit, Mich.	11.6	9.2	9.3	10.5	11.8	12.0	12.8	11.8	10.1	11.0	11.9	14.0	14.9	15.0	15.0	16.5	18.3	20.0	18.8	18.5	21.5	22.6	22.1
Milwaukee, Wis.	9.9	8.3	8.4	9.3	10.0	10.8	12.0	12.0	10.9	11.0	12.0	11.8	12.8	13.0	13.0	15.1	16.8	19.4	17.0	16.6	19.2	21.1	21.0
Minneapolis, Minn.	9.9	8.1	7.0	9.2	10.0	10.4	11.0	11.0	11.1	10.5	12.1	12.2	13.0	13.0	13.0	15.1	18.2	19.9	18.1	17.5	19.8	21.2	21.1
Kansas City, Mo.	12.2	10.2	10.0	11.1	11.5	11.8	13.0	13.0	13.0	11.7	12.2	13.1	14.7	15.0	15.0	16.8	18.0	20.1	18.5	18.7	21.2	22.5	21.2
Omaha, Nebr.	10.0	8.5	8.2	9.5	10.0	10.4	11.2	10.8	10.3	11.0	11.3	12.9	13.0	13.0	13.0	15.5	17.5	19.3	18.8	18.7	20.3	21.4	21.1
Louisville, Ky.	11.3	10.0	10.3	11.2	11.8	12.9	13.7	13.3	12.7	12.8	14.1	15.0	15.8	16.0	16.0	18.0	19.8	21.7	20.8	21.2	23.3	24.6	23.8
New Orleans, La.	12.7	10.7	11.0	10.5	11.0	11.6	12.2	12.0	12.2	13.0	14.2	15.5	15.4	15.5	15.5	17.5	20.6	22.4	22.5	23.1	24.1	25.1	26.2
Dallas, Tex.	10.9	9.4	9.2	10.2	11.0	11.0	11.0	11.0	10.8	11.0	11.8	14.0	14.8	15.0	15.0	16.8	19.2	21.5	21.2	20.3	23.0	25.2	24.2
Denver, Colo.	10.0	10.0	10.0	10.2	11.0	11.0	11.2	12.0	11.8	12.0	12.2	13.0	13.0	13.5	13.5	15.5	18.2	19.5	20.0	20.2	22.1	23.2	24.0
Salt Lake City, Utah	10.0	9.0	9.4	10.0	10.1	10.6	11.0	10.6	10.7	10.0	10.3	12.2	13.0	13.0	13.0	14.8	17.1	18.5	19.0	18.8	20.2	21.7	21.4
Seattle, Wash.	10.7	9.5	10.1	10.2	9.8	10.2	11.0	10.4	10.3	11.0	11.9	14.0	14.0	14.0	14.0	16.1	19.3	20.0	18.6	18.4	20.3	22.0	20.9
Portland, Ore.	10.3	9.1	9.0	10.2	10.5	11.1	12.0	11.3	11.0	11.0	12.2	14.0	14.0	14.0	14.0	15.7	17.8	19.6	20.0	19.6	21.9	22.0	22.0
San Francisco, Calif.	11.8	12.0	11.3	12.0	12.1	13.0	13.0	13.0	12.3	12.2	13.6	14.8	15.5	15.5	15.5	17.1	18.7	20.2	19.8	19.1	20.7	22.6	22.6
Los Angeles, Calif.	12.8	10.6	10.6	10.9	11.2	10.9	12.0	11.8	11.5	11.6	12.3	13.5	14.5	14.5	14.5	16.2	18.3	19.9	19.9	19.0	20.7	22.6	22.8
AVERAGE	11.8	10.2	10.1	10.9	11.3	11.7	12.4	12.3	12.0	12.1	13.0	14.3	14.8	14.9	14.9	16.9	19.0	20.9	20.2	19.9	22.0	23.2	23.1

1/ Selling prices are for that quality of milk commonly sold in specified markets.
2/ The prices listed are the latest reported to the Agricultural Marketing Service up to and including the tenth of the month.

Table 49.-Average Retail Price of Milk Delivered to Homes of Consumers in 25 Cities, by Months, 1933-53 1/ 2/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Cents per single quart												
1933	9.7	9.6	9.5	9.6	9.4	9.8	10.1	10.5	10.6	10.6	10.7	10.7	10.1
1934	10.7	10.6	10.6	10.5	10.6	10.6	10.8	10.9	11.0	11.3	11.3	11.4	10.9
1935	11.4	11.4	11.6	11.4	11.4	11.4	11.3	11.2	11.2	11.2	11.2	11.3	11.3
1936	11.4	11.5	11.4	11.4	11.4	11.4	11.5	11.9	12.1	12.1	12.3	12.4	11.7
1937	12.4	12.4	12.4	12.4	12.3	12.3	12.3	12.4	12.5	12.5	12.6	12.6	12.4
1938	12.5	12.5	12.5	12.5	12.3	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3
1939	12.2	12.1	12.1	11.8	11.7	11.7	11.7	11.9	12.0	12.2	12.2	12.4	12.0
1940	12.3	12.4	12.4	12.2	12.1	12.1	12.0	12.0	12.0	12.0	12.0	12.2	12.1
1941	12.3	12.3	12.4	12.4	12.5	12.6	12.8	13.1	13.6	13.7	13.9	14.1	13.0
1942	14.2	14.3	14.3	14.3	14.2	14.2	14.2	14.2	14.2	14.2	14.4	14.4	14.3
1943	14.5	14.6	14.6	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.8
1944	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
1945	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
1946	14.9	14.9	14.9	14.9	15.0	15.7	17.9	18.3	18.5	19.1	19.3	19.5	16.9
1947	19.4	18.9	18.8	18.7	18.4	18.2	18.5	18.6	19.1	19.4	20.0	20.1	19.0
1948	20.4	20.5	20.5	20.5	20.3	20.5	20.8	21.2	21.6	21.6	21.6	21.4	20.9
1949	21.1	21.0	20.6	20.0	19.8	19.8	19.9	20.0	19.9	20.2	20.2	20.1	20.2
1950	20.0	20.0	19.7	19.3	19.2	19.2	19.4	19.8	20.0	20.6	20.8	21.0	19.9
1951	21.4	21.6	21.7	21.7	21.7	21.7	21.9	22.1	22.2	22.4	22.7	22.8	22.0
1952	23.0	23.1	23.2	23.0	22.9	22.8	23.0	23.2	23.4	23.7	23.8	23.7	23.2
1953	23.5	23.3	23.2	22.9	22.7	22.6	22.8	23.0	23.1	23.2	23.3	23.2	23.1

1/ Selling prices for that quality of milk most commonly sold in markets shown in table below.

2/ The prices listed are the latest reported to Agricultural Marketing Service up to and including the tenth of the month.

Table 50.-Prevailing Retail Price of Milk Delivered to Homes of Consumers by Individual Markets, 1953 1/

(Cents per single quart)

City	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
Boston, Mass.	23½-24	23½-24	22½-23	21½-22	21½-22	21½-22	22-22½	22½-23	23½-24	24-24½	24-24½	24-24½	23.1
Hartford, Conn.	24-24½	24-24½	24½	23½	23½	23½	24½	24½	24½	24½	24½	24½	24.2
New York, N. Y.	24½	24½	24	24	23½	23½	24½	25½	26	26	27	26½	25.0
Philadelphia, Pa.	24	24	22½	22½	22½	22½	23	23	23	24	24	24	23.4
Pittsburgh, Pa.	25	25	25	24	24	24	24	24	25	25	25	25	24.6
Baltimore, Md.	23½	23½	24	24	24	24	24	24	24	24	24	24	23.9
Washington, D. C.	24	24	24	24	24	24	24½	24½	24½	24½	24½	24½	24.2
Jacksonville, Fla.	26	27	27	27	27	27	27	27	27	27	27	27	26.9
Cleveland, Ohio	22	20	20	19	18	18	19	20	20	21	21	21	19.9
Indianapolis, Ind.	23	22	22	22	21	21	21	22	22	22	22	22	21.8
Chicago, Ill.	25	24½	24½	24½	24½	24½	25½	25½	25½	25½	25½	25	25.0
Detroit, Mich.	23	22½	22	22	22	22	22	22	22	22	22	22	22.1
Milwaukee, Wis.	21	21	21	21	21	21	21	21	21	21	21	21	21.0
Minneapolis, Minn.	22	22	21	21	21	20	21	21	21	21	21	21	21.1
Kansas City, Mo.	21	21	21	21	21	21	20	21	21	22	22	22	21.8
Omaha, Nebr.	21½	21½	21½	21	21	21	21	21	21	21	21	21	21.1
Louisville, Ky.	25	25	24	24	24	24	24	24	23	23	23	23	23.8
New Orleans, La.	26	26	26	26	26	26	26	26½	26½	26½	26½	26½	26.2
Dallas, Texas	26	26	25	25	24	23	23	23	24	24	24	24	24.2
Denver, Colo.	24	24	24	24	24	24	24	24	24	24	24	24	24.0
Salt Lake City, Utah	22	22	22	22	22	21	21	21	21	21	21	21	21.4
Seattle, Wash.	22	21½	21½	21½	20½	20½	20½	20½	20½	20½	20½	20½	20.9
Portland, Oreg.	22	22	22	22	22	22	22	22	22	22	22	22	22.0
San Francisco, Calif.	23	23	23	22½	22½	22½	22½	22½	22½	22½	22½	22½	22.6
Los Angeles, Calif.	23½	23½	23½	22½	22½	22½	22½	22½	22½	22½	22½	22½	22.8

1/ The prices listed are the latest reported to Agricultural Marketing Service up to and including the tenth of the month.

Table 51--Average Daily Sales of Whole Milk, Skim Milk and Butterfat in Fluid Cream, in Certain Federal Order Areas 1/ for 1951, 1952, and 1953

Marketing Area	Whole milk				Butterfat in fluid cream 2/				Skim milk items 3/			
	1951	1952	1953 4/	Percent 1953 of 1952*	1951	1952	1953 4/	Percent 1953 of 1952*	1951	17/1952	1953 4/	Percent 1953 of 1952*
		1,000 lb.		Pct.		1,000 lb.		Pct.		1,000 lb.		Pct.
Boston, Mass. 5/	1,858	14/1,882	1,899	101	21.2	20.2	N.A.	-	56.8	58.9	54.2	94
Chicago, Ill. 6/	4,856	14/4,955	5,069	102	48.0	14/46.5	45.8	98	327.4	366.0	394.7	108
Cincinnati, Ohio 10/	565	14/608	644	106	3.1	14/3.2	3.1	97	69.8	75.0	81.6	109
Cleveland, Ohio	1,238	1,281	1,385	108	9.8	9.7	9.7	100	102.0	111.0	109.1	98
Columbus, Ohio	396	414	460	111	2.5	2.4	2.4	100	37.2	40.7	41.2	102
Dayton-Springfield, Ohio	432	444	479	108	2.3	2.1	2.2	102	41.7	45.0	52.2	116
Detroit, Mich. 5/	-	2,623	2,778	106	-	19.0	19.4	103	-	223.1	254.5	114
Fall River, Mass. 5/	110	14/110	112	101	.7	14/.6	.6	103	5.6	5.6	5.2	94
Fort Wayne, Ind. 5/	124	127	132	104	.7	.6	.6	94	10.5	10.2	11.1	109
Kansas City, Mo.-Kans. 5/	558	581	629	108	3.4	3.3	3.2	99	55.5	58.4	60.7	104
Knoxville, Tenn.	-	104	106	102	-	.3	.3	100	-	22.2	21.2	96
Louisville, Ky.	458	14/458	475	104	1.6	1.6	1.5	97	41.4	42.7	44.5	104
Milwaukee, Wis.	825	844	902	107	5.5	5.3	5.5	104	60.5	65.9	66.3	101
Minneapolis-St. Paul, Minn.	1,005	14/1,034	1,035	100	11.7	11.3	10.5	93	66.9	74.0	77.1	104
Nashville, Tenn.	246	268	284	106	1.0	1.1	1.1	98	56.5	59.1	62.5	105
New Orleans, La. 5/	433	453	463	102	1.5	1.5	1.5	100	25.3	30.0	34.4	114
New York, N. Y.	7/8,440	7/14/8,533	7/16/8,599	101	8/62.1	8/60.6	8/16/60.4	100	9/	9/	9/	
North Texas	-	953	968	102	-	4.9	4.7	96	-	133.8	137.8	103
Omaha-Coun.Bluffs,Nebr.-Ia. 5/	248	14/252	260	103	2.2	2.1	2.0	97	22.4	26.6	29.4	110
Philadelphia, Pa. 5/	1,915	1,911	1,928	101	11.5	14/11.4	11.4	100	106.7	113.6	119.4	105
Puget Sound, Wash.	-	983	1,010	103	-	7.5	7.6	101	-	84.9	87.1	103
Quad Cities, Ill.-Ia.	229	232	232	100	1.9	14/1.9	1.8	96	18.4	24.6	32.3	132
St. Louis, Mo.	890	934	974	104	6.0	5.9	5.8	99	77.2	83.1	86.8	104
Sioux City, Ia.	70	72	75	104	.7	.7	.6	95	6.6	6.7	6.6	98
Springfield, Mass. 5/	375	14/372	398	104	2.3	2.3	N.A.	-	-	-	-	-
South Bend-LaPorte, Ind.	176	185	187	102	1.0	14/1.1	1.0	95	14.8	14.8	15.8	107
Toledo, Ohio	373	398	424	107	3.0	2.9	2.9	100	40.4	40.9	43.3	106
Topeka, Kans.	75	83	86	103	.5	.5	.4	83	5.4	5.7	6.4	97
Tulsa-Muskogee, Okla.	11/186	14/239	252	105	11/1.1	14/1.2	1.2	100	11/21.1	26.3	25.3	96
Wichita, Kans.	158	177	12/195	110	1.2	1.2	12/1.2	96	16.8	18.6	12/17.9	96
TOTAL	-	14/31,510	32,440	103.0	-	13/ 14/210.3	208.3	99.0	-	17/1,868.4	1,978.5	105.9
Sub-group total 15/	26,239	26,847	27,578	102.7	13/183.0	13/178.6	176.3	98.7	1,287.1	1,404.4	1,477.9	105.2

1/ Products sold on routes outside of marketing areas included except where noted. Sales by handlers subject to another Federal Order are not always included in data for market in which distributed. 2/ Includes sweet and sour cream and milk and cream mixtures containing 6 percent or more butterfat. 3/ Includes fluid items such as plain and flavored skim milk and buttermilk which do not meet the butterfat content requirement for whole milk and flavored whole milk. 4/ Preliminary. 5/ No significant quantities of outside sales included. 6/ Represents total sales of packaged milk. Also bulk milk sales within the marketing area. 7/ Includes all whole milk shipped into the marketing area. 8/ Does not include storage cream sold for fluid use. 9/ Series discontinued because not representative of consumption in market. 10/ Includes all sales outside the marketing area. 11/ Muskogee, Okla., not included. 12/ Does not include sales of one non-handler. 13/ Sales data for the Boston and Springfield, Mass., areas excluded for purposes of comparison. 14/ Revised. 15/ Sales data for the Detroit, Mich., Knoxville, Tenn., North Texas, and Puget Sound, Wash., areas excluded for purposes of comparison. 16/ Adjusted to 31 day month basis to compensate for cessation of deliveries during October 25-30. Actual October New York milk sales 7,709,000 lbs.; actual October total sales 33,317,000 lbs.; actual October New York fat in cream, 49,094 lbs.; actual October total fat in cream 196,872 lbs. 17/ Revised except for Detroit; Knoxville; North Texas; Puget Sound and Topeka. *Computed from unrounded figures.

Table 52.--Average Daily Receipts of Milk from Producers, Number of Producers, and Average Daily Receipts per Producer in Certain Marketing Areas Under Federal Orders for 1951, 1952 and 1953

Market	Average Daily Receipts of Milk from Producers				Number of Producers				Average Daily Receipts per Producer			
	1951	1952	1953 1/	Percent 1953 of 1952	1951	1952	1953 1/	Percent 1953 of 1952	1951	1952	1953 1/	Percent 1953 of 1952
		1,000 lb.		Pct.		Number		Pct.		Pounds		Pct.
Boston, Mass.	3,966	2/4,017	4,425	110	12,768	12,552	12,855	102	311	320	344	108
Chicago, Ill.	10,136	2/10,391	12,004	116	23,245	2/22,723	23,899	105	436	2/457	502	110
Cincinnati, Ohio	952	2/1,009	1,145	113	5,208	5,097	5,224	102	183	198	219	111
Cleveland, Ohio	1,853	2/2,263	2,442	108	6,985	8,175	8,219	101	265	277	297	107
Columbus, Ohio	598	617	721	117	2,114	2,138	2,230	104	283	289	323	112
Dayton-Springfield, Ohio	644	2/697	788	113	2,444	2,459	2,545	103	264	283	310	110
Detroit, Mich.	-	3,912	4,359	111	-	12,346	12,822	104	-	317	340	107
Fall River, Mass.	150	2/150	151	101	362	2/343	331	97	414	2/437	456	104
Fort Wayne, Ind. 3/	250	297	294	99	1,109	1,278	1,163	91	225	232	253	109
Kansas City, Mo.-Kans.	820	843	1,012	120	2,777	2/2,802	3,079	110	295	301	329	109
Knoxville, Tenn.	-	241	274	114	-	619	668	108	-	389	410	105
Louisville, Ky.	647	667	754	113	2,068	2,096	2,269	108	313	318	332	104
Milwaukee, Wis.	1,136	2/1,175	1,301	111	3,056	3,014	2,963	98	372	390	439	113
Minneapolis-St. Paul, Minn. 3/	1,861	2/1,920	2,113	110	5,874	2/5,835	5,708	98	317	2/329	370	112
Nashville, Tenn.	359	384	461	120	1,038	1,151	1,306	113	346	334	353	106
New Orleans, La.	623	2/664	714	108	2,766	2/2,757	2,821	102	225	2/241	253	105
New York, N. Y.	18,911	2/19,448	20,690	106	49,732	2/49,204	49,828	101	380	395	415	105
North Texas	-	1,507	1,777	118	-	2,776	3,187	115	-	543	558	103
Omaha-Coun.Bluffs, Neb.-Ia. 3/	366	2/387	484	125	1,598	2/1,544	1,710	111	229	2/251	283	113
Philadelphia, Pa.	3,060	3,065	3,130	102	8,772	2/8,365	8,033	96	349	2/366	390	107
Puget Sound, Wash.	-	1,648	1,894	115	-	3,407	3,601	106	-	484	526	109
Quad Cities, Ill.-Ia.	362	402	509	127	1,152	1,020	1,165	114	314	394	437	111
St. Louis, Mo.	1,212	1,268	1,428	113	3,907	3,992	4,190	105	310	318	341	107
Sioux City, Ia.	115	147	179	122	498	2/538	582	108	231	2/273	308	113
Springfield, Mass.	496	2/510	546	107	1,492	2/1,478	1,493	101	332	2/345	366	106
South Bend-LaPorte, Ind.	236	268	319	119	780	2/848	932	110	303	2/316	342	108
Toledo, Ohio	457	477	580	122	1,851	1,871	2,003	107	247	255	290	114
Topeka, Kans.	108	2/122	148	121	399	456	495	109	271	2/268	299	112
Tulsa-Muskogee, Okla. 7/	7/306	2/421	523	124	7/782	2/1,120	1,259	112	7/391	2/376	415	110
Wichita, Kans. 7/	258	295	5/389	132	877	915	1,028	112	294	322	378	117
TOTAL	-	2/59,212	65,554	110.7	-	2/162,919	167,608	102.9	-	2/4/363	4/391	108
Sub-group total 6/	49,882	51,904	57,250	110.3	143,654	143,771	147,330	102.5	4/347	4/361	4/389	108

1/ All data are preliminary. 2/ Revised. 3/ Includes producer-handlers. 4/ Weighted average.
5/ Does not include receipts of one non-handler. 6/ Receipts data for the Detroit, Mich., Knoxville, Tenn., North Texas, and Puget Sound, Wash., markets excluded for purposes of comparison.
7/ Muskogee, Okla., not included.

Table 53.-Ratio of Fluid Cream Sales to Total Sales of Fluid Whole Milk and Cream Expressed in Butterfat Terms in 23 Federal Order Markets, 1950, 1951, and 1952

Market	1950				1951				1952			
	Butterfat in fluid cream 1/	Butterfat in fluid whole milk	Total butterfat in fluid whole milk & cream	Ratio of butterfat in cream to total butterfat	Butterfat in fluid cream 1/	Butterfat in fluid whole milk	Total butterfat in fluid whole milk & cream	Ratio of butterfat in cream to total butterfat	Butterfat in fluid cream 1/	Butterfat in fluid whole milk	Total butterfat in fluid whole milk & cream	Ratio of butterfat in cream to total butterfat
	1000 Pounds			Percent	1000 Pounds			Percent	1000 Pounds			Percent
Boston, Mass.	8,102	26,441	34,543	23.5	7,743	26,239	33,982	22.8	7,410	26,618	34,028	21.8
Chicago, Ill. 2/ 4/	18,711	61,856	80,567	23.2	6/17,542	63,250	6/80,792	6/21.7	17,006	63,290	80,296	21.2
Cincinnati, Ohio 3/	1,127	7,577	8,704	12.9	1,189	7,872	9,061	13.1	1,158	8,112	9,270	12.5
Cleveland, Ohio	3,649	15,830	19,479	18.7	3,580	16,473	20,053	17.9	3,553	17,106	20,659	17.2
Columbus, Ohio 3/	943	5,188	6,131	15.4	911	5,476	6,387	14.3	877	5,744	6,621	13.2
Dayton-Springfield, Ohio 3/	856	5,703	6,559	13.1	853	6,032	6,885	12.4	778	6,191	6,969	11.2
Duluth-Superior, Minn.-Wis.	604	1,950	2,554	23.6	509	1,931	2,440	20.9	451	1,894	2,345	19.2
Fort Wayne, Ind.	257	1,590	1,847	13.9	242	1,643	1,885	12.8	221	1,680	1,901	11.6
Kansas City, Mo.-Kans.	1,394	7,293	8,687	16.0	1,239	7,240	8,479	14.6	1,192	7,570	8,762	13.6
Louisville, Ky. 3/	591	5,884	6,475	9.1	601	6,276	6,877	8.7	587	6,411	6,998	8.4
Minneapolis-St. Paul, Minn.	4,393	12,668	17,061	25.7	4,256	13,083	17,349	24.6	4,138	13,404	17,542	23.6
Nashville, Tenn. 3/	341	3,082	3,423	10.0	364	3,309	3,673	9.9	336	3,588	3,924	8.6
New Orleans, La.	573	5,961	6,534	8.8	550	5,998	6,548	8.4	550	6,318	6,868	8.0
Omaha-Council Bluffs, Nebr.-Ia.	856	3,272	4,128	20.7	816	3,346	4,162	19.6	7/886	7/3,741	7/4,627	7/19.1
Oklahoma City, Okla.	5/330	5/2,071	5/2,401	5/13.7	432	3,067	3,499	12.3	454	3,494	3,948	11.5
Philadelphia, Pa. 3/	5,472	30,291	35,763	15.3	5,339	31,110	36,449	14.6	5,340	31,071	36,411	14.7
St. Louis, Mo. 3/	2,397	12,135	14,532	16.5	2,532	13,179	15,711	16.1	2,476	14,477	16,953	14.6
Sioux City, Ia.	273	867	1,140	23.9	259	885	1,144	22.6	244	903	1,147	21.3
Springfield, Mass.	877	5,020	5,897	14.9	840	5,031	5,871	14.3	827	5,118	5,945	13.9
Toledo, Ohio	1,121	4,523	5,644	19.9	1,096	4,888	5,984	18.4	1,046	5,192	6,238	16.8
Topeka, Kans.	170	900	1,070	15.9	178	966	1,144	15.6	181	1,088	1,269	14.3
Wichita, Kans.	431	1,737	2,168	19.9	451	1,962	2,413	18.7	454	2,196	2,650	17.1
Worcester, Mass.	720	3,674	4,394	16.4	738	3,671	4,409	16.7	692	3,629	4,321	16.0
TOTAL	54,188	225,513	279,701	19.4	6/52,270	232,927	285,197	6/18.3	50,857	238,835	289,692	17.6

1/ Includes sweet and sour cream and milk and cream mixtures containing 6 percent butterfat or more.
2/ Sales data are not segregated by handlers in terms of inside or outside the "Marketing Area". The sales data as shown here represent total route sales by Chicago and Suburban Chicago Handlers.
3/ Total sales, both in and outside marketing area.
4/ Excludes bulk interhandler sales outside the marketing area but includes distributors' route sales outside the marketing area.
5/ May-December. 6/ Revised. 7/ Includes Lincoln, Nebr.

Compiled from reports of Federal Milk Market Administrators to the Dairy Division, Agricultural Marketing Service.

Table 54.--Sales of butterfat in fluid products in certain Federal order marketing areas in 1948 and 1952 with percentage changes

Market	Butterfat in whole milk			Butterfat in skim and part-skim products			Butterfat in cream and mixtures			Total butterfat in fluid products		
	1952	1948	1952 of 1948	1952	1948	1952 of 1948	1952	1948	1952 of 1948	1952	1948	1952 of 1948
	1,000 lb.		Percent	1,000 lb.		Percent	1,000 lb.		Percent	1,000 lb.		Percent
Boston, Mass.	26,618	26,759	99	288	151	191	7,410	8,586	86	34,316	35,496	97
Fall River, Mass.	1,510	1,633	92	53	46	115	224	220	102	1,787	1,899	94
Philadelphia, Pa.	26,504	26,550	100	708	760	93	3,029	3,854	79	30,241	31,164	97
Cincinnati, Ohio	8,112	7,346	110	404	282	143	1/1,158	1/1,188	1/97	9,674	8,817	110
Cleveland, Ohio	17,106	15,087	113	605	354	171	3,553	3,458	103	21,264	18,898	113
Columbus, Ohio 2/	5,744	4,923	117	193	140	138	877	917	96	6,814	5,981	114
Dayton-Springfield, Ohio 2/	6,191	5,404	115	306	215	142	778	872	89	7,275	6,491	112
Toledo, Ohio	5,192	4,298	121	349	236	148	1,046	1,119	93	6,587	5,653	117
Ft. Wayne, Ind.	1,680	1,502	112	44	35	126	221	253	87	1,945	1,789	109
South Bend, Ind.	2,397	2,211	108	86	60	143	382	429	89	2,866	2,700	106
Mpls.-St. Paul, Minn.	13,404	12,214	110	159	132	120	4,138	4,364	95	17,702	16,710	106
Quad Cities, Ill.-Ia. 2/	3,323	2,404	138	71	18	394	722	611	118	4,117	3,033	136
Dubuque, Ia.	598	530	113	8	5	160	143	125	114	749	660	113
Sioux City, Ia.	903	792	114	9	6	150	244	254	96	1,156	1,052	110
Omaha-Council Bluffs, Nebr.-Ia.	3/3,346	3,077	3/109	3/61	46	3/133	3/816	836	3/98	3/4,223	3,959	3/107
Topeka, Kans.	1,088	825	132	8	5	160	181	168	108	1,277	998	128
Wichita, Kans.	2,196	1,534	143	39	22	177	454	411	110	2,689	1,967	137
Kansas City, Mo.-Kans.	7,570	6,461	117	122	87	140	1,192	1,398	85	8,883	7,947	112
St. Louis, Mo.	11,839	10,299	115	2/373	2/191	2/195	2/2,475	2/2,201	2/112	14,687	12,690	116
Louisville, Ky.	6,272	5,473	115	140	116	121	571	623	92	6,983	6,212	112
Nashville, Tenn. 2/	3,568	2,557	140	110	126	87	336	352	95	4,034	3,036	133
New Orleans, La.	6,318	5,508	115	190	81	235	550	614	90	7,058	6,202	114
Total	161,499	147,387	109.6	4,326	3,114	138.9	30,501	32,853	92.8	196,327	183,354	107.1

1/ Sales of butterfat in cream and mixtures are total sales by handlers.
2/ Total sales by handlers.
3/ 1951 to avoid including sales made in Lincoln, Nebraska, added to the area in September 1952.

Compiled from reports of Federal Milk Market Administrators.

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percent for Wichita, Kans., and 32 percent in Topeka, Kans. Very large increases were also reported for Nashville, Tenn., and Quad Cities, Ill.-Ia., but in both of these markets the data show total sales by handlers rather than sales in the marketing area. In about two-thirds of the areas showing increases the gains fell within the range 10 to 20 percent. Seven markets showed gains between 1948 and 1952 in the quantity of fat sold as fluid cream and milk and cream mixtures, but all of the remaining 15 markets showed declines. In 9 of these 15 markets, the declines were 10 percent or less.

Only two markets, Philadelphia and Nashville, reported a decline in sales of fat in skim and part-skim products between 1948 and 1952. Twelve of the remaining 20 markets reported gains of 40 percent or more and two markets showed increases of more than 100 percent. Only three markets, Boston, Philadelphia, and Fall River in the group of 22, reported declines in total sales of fat in all fluid products. The other 19 markets reported gains of 6 percent or more. Thirteen reported gains of more than 10 percent and four reported gains of more than 20 percent.